



भारत का राजपत्र The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY



सं० 10] नई दिल्ली शनिवार, मार्च 11, 1995 (फाल्गुन 20, 1916)
No. 10] NEW DELHI, SATURDAY, MARCH 11, 1995 (PHALGUNA 20, 1916)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएँ और नोटिस
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PATENTS AND DESIGNS

Calcutta, the 11th March 1995

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पेटेंट कार्यालय

एकल तथा अभिकल्प

कलकत्ता, दिनांक 11 मार्च 1995

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा बम्बई, विल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोडी इस्टेट,
तीसरा तल, लोअर परले (पश्चिम),
बम्बई-400013 ।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य
क्षेत्र एवं संघ शासित क्षेत्र गोवा, दमन तथा
दीव एवं दादरा और नगर हवेली ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,
एकक सं. 401 से 405; तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोल बाग,
नई दिल्ली-110005 ।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर,
पंजाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों
एवं संघ शासित क्षेत्र चंडीगढ़ तथा दिल्ली ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,

61, बालाजाह रोड,

मद्रास-600002 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य
क्षेत्र एवं संघ शासित क्षेत्र पाण्डिचेरी, लक्षद्वीप,
मिनिक्काय तथा एमिनिदिवि द्वीप ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैल्स, द्वितीय बहुसंतीय कार्यालय,
भवन 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस रोड,
कलकत्ता-700020 ।

भारत का अवशेष क्षेत्र ।

तार पता—“पेटेंट्स”

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन-पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जाएंगे ।

शुल्क :—शुल्कों की अवधि या तो नकद की जाएगी अथवा उपयुक्त कार्यालय से नियंत्रक को भुगतान योग्य अनादेश अथवा डाक आवेदन या जहाँ उपयुक्त कार्यालय अवस्थित है; उस स्थान के अनुरूपित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा बैंक द्वारा की जा सकती है ।

REGISTRATION OF PATENT AGENT

The following persons have been registered as a Patent Agent under sub-section (1)(c)(i) of Section 126 of the Patents Act, 1970.

1. Shambhu Nath Ray,
High Court, Calcutta Bar Association,
Room No. 6, 2nd Floor,
Calcutta.
2. Gaje Singh Tanwar,
229-L, Model Town,
Panipat-132 103.

APPLICATION FOR PATENT FILED AT THE HEAD OFFICE 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20

The dates shown in the crecent brackets are the dates claimed under Section 135, of the Patent Act, 1970.

25th January 1995

- 68/Cal/95. Alvaro Vergara Piccaluga. A process for increasing production of seeds.
- 69/Cal/95. Laboratoire Medidom S.A. A process for the preparation of diacerein.
- 70/Cal/95. The Wellcome Foundation Limited. Therapeutic heterocyclic compounds. (Convention No. 9401436.2; dated 26-1-94; G.B.).
- 71/Cal/95. Netzsch Mohnopumpen GmbH. Universal joint coupling in particular arranged on a universal joint shaft of an eccentric worm machine .

72/Cal/95. Harnischfeger Corporation. Grease applicator for a drill shaft.

73/Cal/95. T.P.P. Technological Industries Ltd. Autonomous electric detonator.

27th January 1995

74/Cal/95. Novamont S.P.A. Expanded articles of biodegradable plastic material and a process for the preparation thereof.

75/Cal/95. Bray International Inc. Rotary Valve. (Convention No. 2129776; dated 9-8-94; Canada).

76/Cal/95. Kerr-McGee Chemical Corporation. Zirconium Silicate Grinding Medium.

77/Cal/95. Terastore Inc. Data Storage medium for storing data as a polarization of a data magnetic field and method and apparatus using spin-polarized electrons for storing and data onto the data storage medium and reading the stored data therefrom.

8/Cal/95. Motan Holding GmbH. Dryer.

9/Cal/95. Patent-Treuhand-Gesellschaft für elektrische Glühlampen mbH. Reflector lamp.

30th January 1995

0/Cal/95. The Wellcome Foundation Limited. Stabilised pharmaceutical.

1/Cal/95. General Electric Company. Method of technical cumene hydroperoxide acidic cleavage to phenol acetone and alpha methylstyrene. (Convention Nos. 94-007336, 08/369,104; dated 1-3-94, 13-1-95; U.S.A.).

82/Cal/95. Engelhard Corporation. Halide-Free process for the synthesis of ETS-10. (Convention No. 08248,040; filed on 24-5-94; U.S.A.).

83/Cal/95. Degussa Aktiengesellschaft. A process for colouring polytrimethylene terephthalate fibres and use of the fibres coloured by this process. (Convention No. P4405407.6; dated 27-1-1995; Germany).

84/Cal/95. Patent-Treuhand-Gesellschaft für Elektrische Glühlampen MbH. Circuit arrangement for operating at least one low-pressure discharge lamp. (Convention No. Nil. Dated Nil. Country Nil.).

85/Cal/95. Diego Sodo. Retractable windshield. (Convention No. Nil; Dated Nil. Country-Nil.).

86/Cal/95. Rosch-Siemens Hausgerate GmbH. Automatically controlled washing machine.

87/Cal/95. Bernd Hansen. Infusion container with two connections. (Convention No. P4405965.5; dated 24-2-94; Germany).

88/Cal/95. Wen-Yuan Lee. Form Set-up and method for stripping upright form panels of the form set-up from a concrete unit. (Convention No. 83111053 dated 28-11-94; Taiwan).

89/Cal/95. Wen-Yuan Lee. Modular Form assembly for concrete structure. (Convention No. 83217033; dated 28-11-94; Taiwan).

90/Cal/95. Wen-Yuan Lee. Modular Form assembly for concrete structure. (Convention No. 83111054; dated 28-11-94; Taiwan).

91/Cal/95. Jean Marc Masse. Air/fuel mixture supply device for a two-stroke internal-combustion engine.

92/Cal/95. Florinius-Investimentos & Servicos Internacionais, LDA. Process for reheating a mean, receptacle and apparatus for its implementation.

93/Cal/95. Mark Clayton Carter. Collapsible display table.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, 61, WALLAJAH ROAD, MADRAS-2

16th January 1995

44/Mas/95. Finestyle Properties Limited. Disposable syringe with a retractable needle.

45/Mas/95. Henkel Kommanditgesellschaft auf Aktien. Silicate-based builders and their use in detergents and multicomponent mixtures for use in this field.

46/Mas/95. Henkel Kommanditgesellschaft auf Aktien. An optimised process for conditioning steam-based vapor streams.

47/Mas/95. Henkel Kommanditgesellschaft auf Aktien. A container for a field product.

48/Mas/95. Henkel Kommanditgesellschaft auf Aktien. A container for storing and dispensing a spreadable fluid.

17th January 1995

49/Mas/95. GEC Alsthom Limited. A method of locating the position of a fault on a power transmission line. (January 26, 1994; United Kingdom).

50/Mas/95. Josef Pfistershammer. Livestock identification device.

51/Mas/95. Dynatex International. Method and apparatus for scribing and/or breaking semiconductor wafers.

18th January 1995

52/Mas/95. ABB Management AG. Gate-turn-off semiconductor component.

53/Mas/95. Zellweger Luwa AG. Method for the absolute measurement of the tearing strength of fibres.

54/Mas/95. Hoechst Aktiengesellschaft. Piezoelectric gas sensor.

55/Mas/95. Maschinenfabrik Rieter AG. Silver coiler.

56/Mas/95. A. Ahlstrom Corporation. Method and apparatus for mixing gaseous chemical to fibre suspension.

19th January 1995

57/Mas/95. Dr. Jose Thaikattil. Vessels for cooking and other purposes.

58/Mas/95. Thirumalai Anandampillai Vijayan. An electric vehicle.

59/Mas/95. FMC Corporation. Wire cutting insert for gate valve.

60/Mas/95. Lynxvale Limited. Macrophage nucleotide sequence.

20th January 1995

61/Mas/95. O. P. Ekambaram & E. Rajasekaran. Mechanical type of shock-cum-vibration absorber.

62/Mas/95. Lucas Industries Public Limited Company. Clamping device of a disc brake, especially form use with heavy commercial vehicles.

63/Mas/95. Mobil Oil Corporation. Hydrogenation process.

64/Mas/95. Flamemag International GIE. Magnesium process.

65/Mas/95. R M S Saety, Inc. Improved device for capturing and retracting the needle canuls of a disposable syringe.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed alongwith the said notice, or within one month of its date as prescribed in Rule-36 of the Patents Rules, 1972.

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स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बन्ध आवेदनों में से किसी पर पेटेंट अधिनियम का विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अधिक ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र-14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, इसके को उपर्युक्त कार्यालय को ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकत है। विरोध सम्बन्धी लिखित दस्तावेज, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित दस्तावेजों की तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

“प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप है।”

रूपांक (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की टांकित अथवा फाटा प्रतियों की आपूर्ति पेटेंट नियम, कलकत्ता अथवा उपयुक्त भाग कार्यालय द्वारा निहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र-व्यवहार द्वारा सुनिश्चित करने के उपरान्त हमारी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेखों कागजों को जोड़कर उसे 2 से गणा करके; (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है।

Ind. Cl. : 136 E XIII, 15 D G XLVIII (1) 174781

Int. Cl. : F 16 L 15/00

CONNECTOR FOR AFFIXING TO A CONDUIT.

Applicant : ELCONNEX PTY. LIMITED, A COMPANY INCORPORATED UNDER THE LAWS OF THE STATE OF NEW SOUTH WALES, AUSTRALIA, OF 139 LOWER WASHINGTON DRIVE, BONNET BAY, NEW SOUTH WALES 2226, AUSTRALIA.

Inventors : 1. PITY JORN, 2. MCNEIL SANDY.

Application No. 677/Del/88 filed on 4-8-88.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rule, 1972), Patent Office Branch, New Delhi-5.

13 Claims

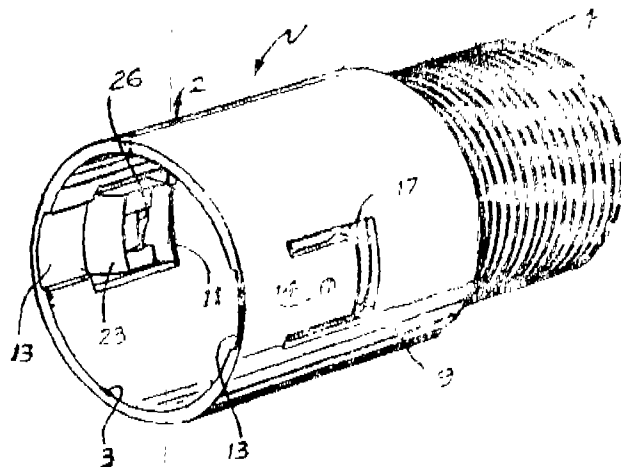
A connector (1) for affixing to a conduit having a ridge located adjacent to its end, comprising :

a housing (2) open at one end (3) to receive a conduit in a bore (5) communicating with said open end;

at least one locking means (9) located in said housing (2) and projecting in a said bore (5) to lock onto said ridge (23) of said conduit in said bore (5) to hold said conduit in said bore (5) wherein said locking means (9) is an axially extending resilient finger located in said bore (5) and having at least one projection (10) at free end of said finger remote from said open end and projecting into said bore; and

a line of weakness (13) located in said finger or in said housing (2) of the connector (1), for enhancing engaging

of said locking means on said conduit held in said connector.



(Compl. Specu. 18 pages.

Drgns. 9 sheets.)

Ind. Cl. : 126 LVIII (B)

174782

Int. Cl. : C 01 V 3/00

AN ELECTRONIC PROBE FOR THE DETECTION OF METAL EMBEDDED IN EARTHEN EMBANKMENTS.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001, INDIA AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors : 1. MOHAN RAO PALORY SATYA KRISHNA, 2. TEWARI YOGESH CHANDRA, 3. SAINI RISHI PAL, 4. KAPOOR KAWALJIT SINGH.

Application No. 675/Del/88 filed on 4-8-88.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rule, 1972), Patent Office Branch, New Delhi-5.

3 Claims

An electronic probe for the detection of metal embedded in earthen embankments comprises a probe assembly consisting of two identical primary solenoid inductors (1), connected in series so as to produce equal magnetic fields opposing to each other and mounted on a non-magnetic material on the same axis with suitable space provided in between them, three identical secondary solenoids (2) being fixed at 120 apart on the axial plane of the above said primary solenoids (1), the secondary solenoids (2) being connected to each other in series and mounted at the centre of the spacing between the said primary solenoids (1) an oscillator for exciting the said primary solenoids being connected to the input terminals (a, b) of the primary solenoids an amplifier for amplifying the signal generated at the secondary solenoids (2), being connected to the output terminals (c, d) of the secondary solenoids (2), the output of the said amplifier (i, j) being connected to a digital volt meter for detecting the change in voltage due to the metal embedded in the earthen embankments.

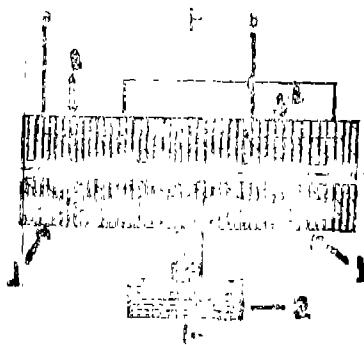


FIG 1

(Compl. Specu. 8 pages,

Drgn. 1 sheet)

174783

174784

174785

- (a) introducing inert organic solvent of the kind such as herein described and non-polar polyolefin trunk polymer having a weight average molecular weight of 50,000 to 1,00,000 comprising units of one or more of propylene, ethylene, butylene 4-methypentene and, optionally, minor amounts of units of one or more of the following:
- 1-alkenes (other than an alkene as just specified), vinyl esters, vinyl chloride, acrylic and methacrylic acids and esters thereof, into a reaction vessel;
- (b) heating the mixture so formed until the polyolefin dissolves;
- (c) adding, with agitation, monomer capable of forming at least one poly (methacrylate) chain, grafted with a covalent bond to said trunk in a vessel

ratio to said trunk of from 1:9 to 4:1, and comprising at least 80% by weight units of methacrylic ester of the formula $\text{CH}_2=\text{C}(\text{CH}_3)\text{COOR}$, where R is alkyl (including cycloalkyl), aryl, substituted alkyl (including substituted cycloalkyl), substituted aryl, or substituted alkaryl, and optionally upto 20% by weight of units of other monomer comprising styrenic, other acrylic or other monoethylenically unsaturated monomer copolymerisable with the methacrylic ester or, in an amount of up to 5% by weight maleic and/or itaconic acid or anhydride;

(d) adding, to the mixture so formed, oil soluble, thermal, free radical initiator of the kind such as herein defined which produces a low and constant radical flux to produce the methacrylate chain polymer having a weight average molecular weight of from 20,000 to 200,000 covalently bonded to the polyolefin; the polymerisation temperature being at the range of 110°C — 200°C , and

(e) removing the solvent in any conventional manner.

Compl. Specn. 106 pages

Drugs. Sheets Nil

Ind. Cl.: 116F

174786

Int. Cl.: B 66 B 1/00

SYSTEM FOR CONTROLLING THE SPEED OF AN ELEVATOR.

Applicant: OTIS ELEVATOR COMPANY, A CORPORATION OF THE STATE OF NEW JERSEY, UNITED STATES OF AMERICA, OF TEN FORM SPRINGS, FARMINGTON, CONNECTICUT 06032, UNITED STATES OF AMERICA.

Inventors: GIRISH MADHAV KASBEKAR, MAHESH VASANJI MAROO, GULAB HASHMATRAI MALKANI.

Application for Patent No. 197/Del/1988 filed on 14-03-1988.

Complete Specification left on 14-06-1989.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

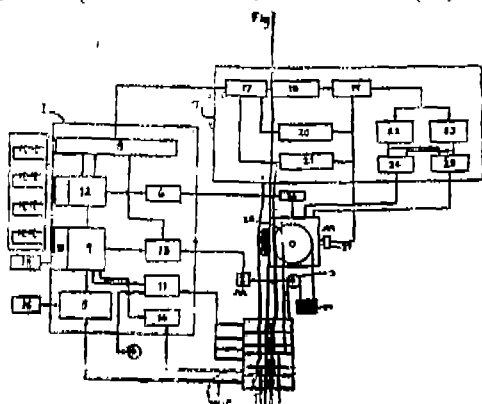
5 Claims

A system for controlling the speed on an elevator, said system being employed as an interface for the power relays driving the elevator motor, which comprises:

a microprocessor based control unit (1) connected to output controls provided in the elevator car (4);

a selector tape (3) connected between said elevator car (u) and its counterweight (29);

primary position transducer means (2) connected to said selector tape (3) for sensing the position of the car (4) with respect to the level of any floor, said primary position transducer means (2) being also connected to said microprocessor-based control unit (1) whereby the signal representative of the position of the car (4) with respect to the lowest floor sensed by said transducer means (2) is transmitted and processed; and digitised motion control means (7) connected between said control unit (1) and the elevator motor (28) for effectively controlling the speed and operation of said elevator motor (28).



Provsn. Specn 6 pages
Compl. Specn. 18 pages

Drugs. 2 sheets

Ind. Cl.: 6 A₂

174787

Int. Cl.: F 2225 B 31/00, F 04 B 1/00.

A WOBBLE PLATE TYPE COMPRESSOR.

Applicant: SANDEN CORPORATION, A JAPANESE COMPANY, OF 20 GOTOKUKI-CHO, ISESAKI-SHI, GUNMA, 372, JAPAN.

Inventors: HIROSHI TOYODA, SHIGEMI SHIMIZU, HIDEHARU HATAKEYAMA, SHUZO KUMAGAI & HAREO TAKAHASHI.

Application for Patent No. 91/Del/88 filed on 2nd February, 1988.

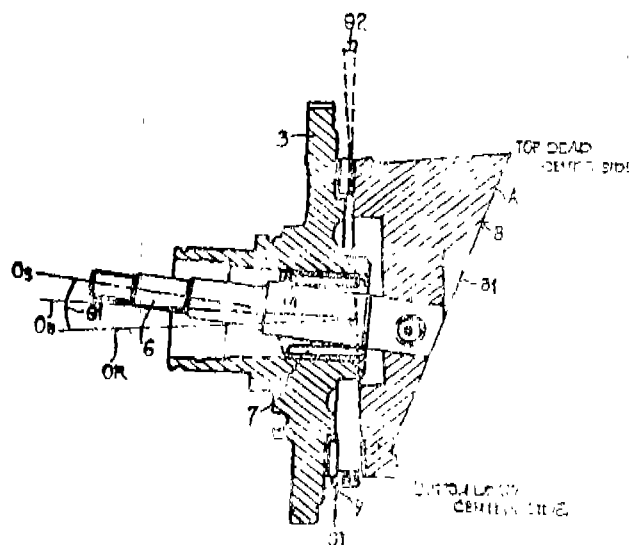
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

5 Claims

A wobble plate type compressor having a compressor housing (2), a plurality of cylinders (212) therein and a crank chamber (22) adjacent said cylinders (212), a reciprocative piston (14) slidably fitted within each of said cylinders (212), a front end plate (3) with a central opening (31), attached to one end surface of said compressor housing (2), a drive mechanism (6, 10, 15) coupled to said pistons (14) to reciprocate said pistons (14) within said chambers (22), said drive mechanism having a drive shaft (6) rotatably supported by a radial bearing (7) within said central opening (31) of said front end plate (3) and a wedge-shaped cam rotor (8) attached to said drive shaft (6), characterised by said radial bearing (30) (787) having a tapered inner surface wherein the radial thickness thereof is gradually reduced in a direction from the interior side of said compressor housing (2) toward said front end plate (3) to define an angle θ_1 between said inner surface of said radial bearing (30) and the longitudinal axis (OB) of said bearing (30), and said drive shaft (6) being attached to an axial end surface of said wedge shaped cam rotor (8) to form a predetermined angle θ_1 therewith and wherein θ_1 is greater than or equal to

$$\tan^{-1} \frac{C + 1 \tan(\theta_1)}{1}$$

wherein 1 is the axial length of said radial bearing (30) and C is the clearance between the interior surface of said radial bearing (30) and the exterior surface of said drive shaft (6) at one end of said radial bearing (30).



Compl. Specn. 25 pages

Drugs. 8 sheets

Ind. Cl.: 51 D

174788

Int. Cl.: A 45 D 27/00

A RAZOR BLADE ASSEMBLY.

Applicant: THE GILLETTE COMPANY, OF PRUDENTIAL TOWER BUILDING, BOSTON, STATE OF MASSACHUSETTS, UNITED STATES OF AMERICA.

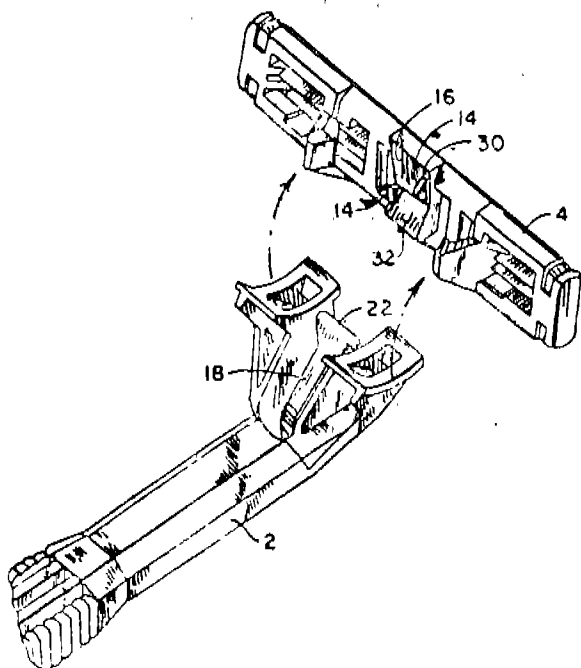
Inventor: DANIEL BRIAN LAZARCHIK.

Application for Patent No. 939/Del/88 filed on 1st November, 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

8 Claims

A razor blade comprising a handle; a blade unit mounted on said handle for pivotal movement thereabout; a housing provided with said blade unit with razor blade means disposed in said housing, characterised in that the underside of said housing is provided with a pair of non-aligned projections extending towards the said handle; and said handle is provided with a leaf spring extending towards said blade unit, one end of said leaf spring being attached to said handle while the other end of said leaf spring is capable of engaging said non-aligned projections, said other end having a width that exceeds the distance between said projections whereby when said other end engages said projections, said leaf spring is twisted thereby exerting an equal force on said projections so as to cause said blade unit to be biased toward a neutral position on said handle.



Compl. Specn. 8 pages

Drgs. 3 sheets

Int. Cl.: H 01 M 8/00.

174789

Ind. Cl.: 14 A 1+C [L VIII (1)]

A METAL-AIR BATTERY.

Applicant: ALCAN INTERNATIONAL LIMITED, A CANADIAN CORPORATION, OF 1188, SHERBROOKE STREET WEST MONTREAL, QUEBEC H 3 A 3G 2, CANADA.

Inventor: WILFRID BERNARD, O'CALLAGHAN.

Applicant for Patent No. 807/Del/88 filed on 23 Sep 88, Convention date 25-9-87/547843/CA.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

5 Claims

1. A metal-air battery comprising:

(a) a tank 10 which is a reservoir 14 for liquid electrolyte,

(b) a support panel mounted in the tank above the electrolyte reservoir (14),

(c) a plurality of metal-air cells (12) mounted in side-by-side relationship on said support panel 5(11) with air gaps therebetween, each cell (12) comprising a pair of spaced-apart flat side walls, (21) a pair of end walls (24) and top (23) and bottom walls, (25) said side walls (2) having air cathodes (22) therein, a metal anode (26) mounted between and spaced from said flat side walls, (21) an electrolyte inlet connector (27) below the lower edge of the anode (26) and an electrolyte outlet connector, (33) said inlet connector and outlet connector (33) extending through openings (29, 29a) in said support panel, (11) and said outlet connector (33) being flow connected to said electrolyte reservoir (14) and

(d) electrical connector leads (75, 76) for connecting said cells (12) to an external load.

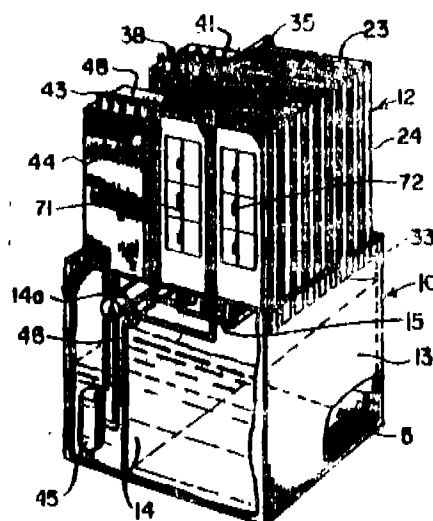


FIG. 1

Compl. Specn. 18 pages

Drgs. 3 sheets

Ind. Cl.: 98 DE VII (2)

174790

Int. Cl.: F 28 D 1/04, F 28 F 1/40.

A METHOD OF EXPLOSIVELY EXPANDING A TUBULAR METAL ELEMENT INTO ENGAGEMENT WITH A SURROUNDING METAL COMPONENT AND AN APPARATUS FOR USE IN SAID METHOD.

Applicant: IMPERIAL CHEMICAL INDUSTRIES PLC., A BRITISH COMPANY, OF IMPERIAL CHEMICAL HOUSE, MILLBANK, LONDON SW1P 3 JF, ENGLAND.

Inventor: HARDMICK ROY.

Application No. 682/Del/88 filed on 09-8-88.

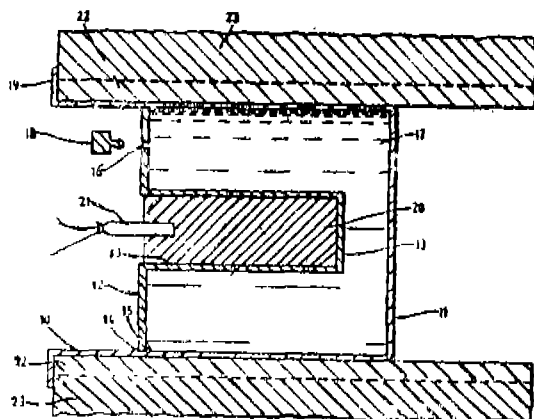
Convention application filed on 18th Sept. 1987/87/21985/UK.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

15 Claims

A method of explosively expanding a tubular metal element into engagement with a surrounding metal component

comprising the steps of: disposing a hollow cylindrical container as a close fit in a fixed axial position within the portion of said tubular metal element to be expanded, disposing an explosive charge axially within said cylindrical container by means of chargeholding means constituting an integral part of said container; filling said container with shock wave-transmitting liquid to form an annular layer of liquid around the explosive charge the aforesaid steps being carried out in any desired order and firing the explosive charge to transmit the shock wave from the explosive charge to the tubular metal element.



Comp. Specn. 10

Drg. 1 sheet

Cl: 55 D 2

174791

Int. Cl.⁴: C 01 N 55/02.

METHOD OF MAKING COPPER COMPLEX BACTERICIDAL/FUNGICIDAL COMPOSITION.

Applicant: GRIFFIN CORPORATION OF ROCKY FORD ROAD, VALDOSTA, GEORGIA 31601, UNITED STATES OF AMERICA.

Inventors: (1) EVELYN JEAN TALYOR, (2) MARK ALUEN CRAFT.

Application No. 140/Cal/1993; filed on 10th March, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule, 1972) Patent Office, Calcutta.

13 Claims

A method of preparing a non-phytotoxic bactericidal/fungicidal composition such as herein described comprising the steps of:

forming an aqueous solution of a partially neutralized, water-soluble polycarboxylic acid having a molecular weight of between approximately 1,000 and 300,000 and a pH of between 3 and 9 wherein said polycarboxylic acid is added to said aqueous solution in an amount between 0.2% and 80% by weight; and

adding to said aqueous mixture a copper-containing compound such as described herein which when combined with said aqueous solution will release copper (II) ions which will form a water-soluble complex with said partially neutralized polycarboxylic acid, wherein said copper compound is added to said aqueous solution in an amount between 0.1% by weight and 5% by weight (copper metal equivalent); and optionally drying said mixture to produce a solid water-soluble fungicidal composition.

Compl. Specn. 61 pages.

Drgs. 6 sheets

Cl: 102 B,

174792

Int. Cl.⁴: E 02 F 9/20.

VALVE APPARATUS AND HYDRAULIC CIRCUIT SYSTEM.

Applicant: HITACHI CONSTRUCTION MACHINERY CO. LTD. OF 6-2, OHTEMACHI 2-CHOME, CHIYODA-KU, TOKYO, JAPAN.

Inventors: (1) GENROKU SUGIYAMA, (2) TOICHI HIRATA.

Application No. 949/Cal/1990; filed on 12th November, 1990.

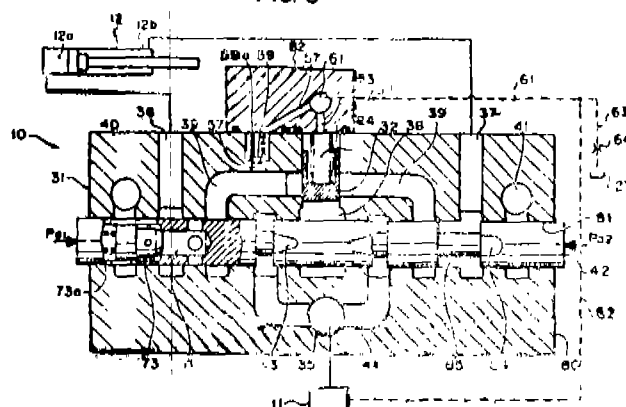
Appropriate office for opposition Proceedings (Rule 4, Patent Rule, 1972) Patent Office, Calcutta

8 Claims

A valve apparatus (10: 10A) comprising at least one directional control valve (31; 31A) having a supply passage (35) communicating with a hydraulic fluid supply source (11), a pair of load passages (36, 37) communicating with an actuator (12), a pair of variable restricting sections (43, 44) disposed between said supply passage and said pair of load passages and formed in an axially movable valve spool (42, 42A) in such a manner as to continuously vary the opening areas from a closed state dependent on an amount of movement of said valve spool, and a first passage (39, 86, 87) located between said pair of variable restricting sections and said pair of load passages; pressure regulating means (32: 32A) for holding a differential pressure across said variable restricting sections at a predetermined value; a detection line (57; 57A) branched from said first passage (39; 86, 87) for receiving a load pressure produced upon operation of said actuator; higher pressure selecting means (59; 90, 91) for selecting a maximum load pressure among the load pressure led through said detection line and other load pressures; and a control line (61, 62) for introducing the maximum load pressure selected by said higher pressure selecting means, as a control pressure, to said pressure regulating means, said valve apparatus further comprising:

first flow control means (71, 73, 86, 73) disposed downstream of a point where said detection line (57; 57A) is branched from said first passage (39; 86), for allowing a flow of a hydraulic fluid directing from said first passage toward the load passage (36) corresponding to one (43) of said variable restricting sections, but blocking off a flow of the hydraulic fluid in the reverse direction when said one variable restricting section (43) is opened.

FIG. 3



(Compl. Specn. 41 pages;

Drgs. 4 sheets.)

Cl. : 32 F 1 IX (1)

174793

Int. Cl. : C 07 C 71/00.

"PROCESS FOR THE PREPARATION OF CHLORINATED AND FLUORINATED BENZENE COMPOUNDS BY SELECTIVE NUCLEOPHILIC FLUORODENITRATION".

Applicant : HOECHST AKTIEN GESELLSCHAFT OF D-6230 FRANKFURT AM MAIN 80, FEDERAL REPUBLIC OF GERMANY.

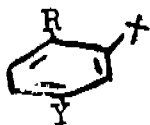
Inventors : (1) JAMES HANLEY CLARK
(2) ANDREW JONATHAN BEAUMONT
(3) NUBIA BOECHAT.

Application No. 644/Cal/1992; filed on 7th September, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

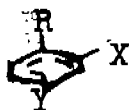
13 Claims

A process for the preparation of chlorinated and fluorinated benzene compounds of the general formula (1)



(1)

in which R denotes -CN or -COO alkyl ($C_1 - C_6$), and X and Y each denote chlorine or fluorine, X and Y being not identical, by fluorodenitration, which comprises reacting a compound of the formula (2)



(2)

in which R is defined as above, and X^1 and X^2 each denote chlorine or nitro, X and Y being not identical, with potassium fluoride in a dipolar aprotic solvent such as herein described in the presence of a phase transfer catalyst such as herein described at a temperature from about 150° to about 250°C in a mole ratio of about 20 : 1 to about 1:1.

(Compl. Specn. 13 pages;

Drwng. Nil.)

Cl. : 55 E 4

174794

Int. Cl. : A 61 K 31/00.

"PROCESS FOR THE PRODUCTION OF A PHARMACEUTICAL COMPOSITION FOR ORAL OR TOPICAL ADMINISTRATION IN THE TREATMENT OF PROTOZOAL DISEASES".

Applicant : MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V. OF BUNSENSTR 10, 3400 GÖTTINGEN, FEDERAL REPUBLIC OF GERMANY.

Inventors : (1) HANSJORG EIBL
(2) CLEMENS UNGER
(3) JURGEN ENGEL.

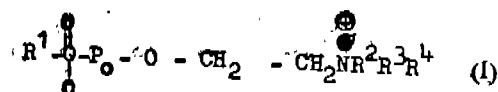
Application No. 658/Cal/1992; filed on 14th September, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

17 Claims

Process for the production of pharmaceutical composition for oral or topical administration in the treatment of protozoal diseases, in particular, leishmaniasis comprising mixing :

(A) atleast one or several compound of the general formula I



(I)

in which R^1 is a saturated or monounsaturated or polyunsaturated hydrocarbon residue with 12 to 20 C atoms and R^2 , R^3 and R^4 denote independently of one another hydrogen, a $C_1 - C_6$ alkyl group, a $C_3 - C_6$ cycloalkyl group or a $C_1 - C_6$ hydroxyalkyl group whereby two of the residues R^2 , R^3 and R^4 can together form a $C_2 - C_5$ alkylene group which if desired can be substituted with a -O-, -S-, or NR^5 group in which R^5 is hydrogen, a $C_1 - C_6$ alkyl group, a $C_3 - C_6$ cycloalkyl group or a $C_1 - C_6$ hydroxyalkyl group; and

(B) anyone or more of the usual filling, carrier, diluting or auxiliary substances such as herein described which are physiologically tolerable at temperatures between 20 and 120°C; said mix of (A) and (B) above obtained such that one dosage unit of the homogenised pharmaceutical composition contains 5 to 2000 mg of said compound of formula I.

(Compl. Specn. 28 page;

Drg. Nil.)

Cl. : 140 A —XI(2)

174795

Int. Cl. : C 10 M 111/04

IMPROVED LUBRICANT COMPOSITION FOR CUTTING OF ALUMINIUM EXTRUDED SECTIONS.

Applicant : INDIAN ALUMINIUM COMPANY, LIMITED OF 1 MIDDLETON STREET, CALCUTTA-700 071.

Inventors : (1) KRISHNAN VENKATESH, (2) SAUDAMINI DEEPAK PANCHBHAI.

Application No. 299/Cal/1991; filed on 18th April, 1991.

Complete specification left on 18th July, 1991.

Appropriate office for opposition Proceedings (Rule 4, Patent Rule, 1972) Patent Office, Calcutta

9 Claims

An improved lubricant composition for use in the cutting of extruded aluminium sections which evinces unique non-staining and non-sticking properties during ageing of the cut sections which comprises :

A. at least 50 parts by weight of a synthetic oil having an organo-silicone matrix and comprising aliphatic and aromatic carbon-hydrogen chains, the aromatics constituting at least 10% of the total chains, and the kinematic viscosity of the oil being between 200 and 250 mm^2/s at 40°C;

B. from 30 to 50 parts by weight of a refined petroleum fraction boiling between 200°C and 300°C under atmospheric pressure and having an aromatic content of less than 20% by volume; the sulphur content of the refined petroleum fraction not exceeding 0.05 percent by weight, and the kinematic viscosity of the fraction being between 2.0 and 3.5 mm^2/s at 40°C; and

C. from 2 to 5 parts by weight of an organic fatty alcohol having a chain length of from 12 to 16 carbon atoms; and optionally, from 0.01 to 0.05 part by weight of an antioxidant, such as herein described.

Compl. Specn. 18 pages

Drgns. Nil

Provn. Specn. 18 pages

Drgns. Nil

Cl. : 190 B XLIV(4)

174796

Int. Cl. : B 23 K, 20/00.

METHOD FOR REPLACING A DAMAGED BLADE ON AN INTEGRALLY BLADED ROTOR.

Applicant : UNITED TECHNOLOGIES CORPORATION OF THE STATE OF DELAWARE HARTFORD, CONNECTICUT 06101 UNITED STATES OF AMERICA.

Inventors : (1) RAYMOND MICHAEL WALKER, (2) DONALD PAUL ACHOR, (3) ROBERT WALTER BAUMGARTEN, (4) RALPH BROMLEY BOGARD.

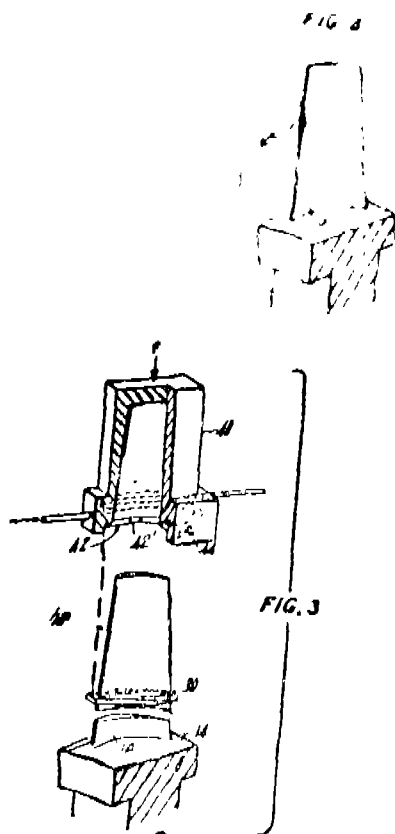
Application No. 1061/Cal/1989; filed on 22th December, 1989.

Appropriate office for opposition Proceedings (Rule 4, Patent Rule, 1972) Patent Office, Calcutta.

2 Claims

A method for replacing a damaged blade on an integrally bladed rotor, which comprises a disk having a plurality of integral blades projecting from the rim of the disk, including the steps of :

- removing a preexisting blade, leaving a stub, a portion of said preexisting blade, projecting from the disk rim, said blade stub having a face which constitutes a surface to which a replacement blade will be bonded;
- positioning a replacement blade adjacent to said stub, said replacement blade having a circumferential collar about its periphery adjacent the proposed bond with the adjacent surfaces of said stub and said replacement comprising an intended bond;
- applying a force between said stub and said replacement blade, with said force being applied to the replacement blade through said collar;
- locally heating said intended bond, between said stub and said replacement blade, to a temperature which causes softening, metal flow and bonding;
- removing said collar from said replacement blade by machining.



(Compl. Specn. 13 pages;

Drgns. 2 sheets.)

Cl. : 32 F 3 (a)

174797

Int. Cl. : C 07 C 47/52.

"A PROCESS FOR PREPARING AROMATIC ALDEHYDE".

Applicant : HOECHST AKTIENGESELLSCHAFT OF D-65926 FRANKFURT AM MAIN, FEDERAL REPUBLIC OF GERMANY.

Inventors : (1) GILBERT BILLER.

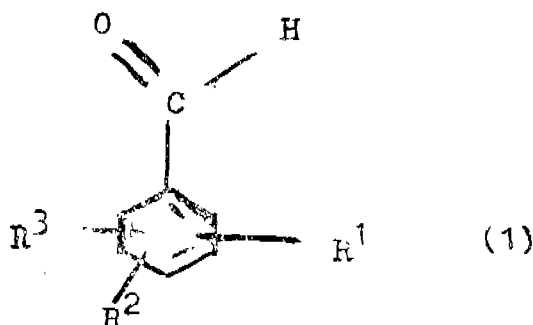
(2) PETER BURG.

Application No. 691/Cal/1993; filed on 12th November, 1993.

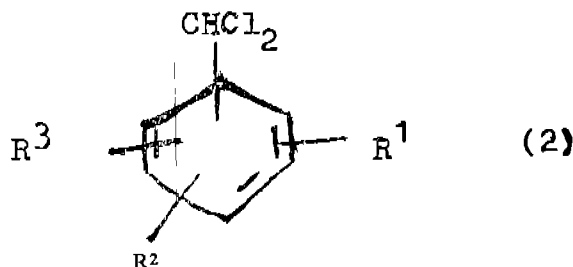
Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

9 Claims

A process for preparing aromatic aldehydes of the formula (1)



in which R¹, R², R³ independently of one another are H, F, Cl or Br, which comprises hydrolyzing a dichloromethyl-substituted benzene of the formula (2)



in which R¹, R², R³ have the abovementioned meanings with a from 1 to 50% strength aqueous solution of one or more zinc salts of the formula (3)



in which X is F, Cl, Br, OH or SO₄ and n is depending on the anion X, the number 1 or 2, at temperatures of from 10 to 160°C.

(Compl. Specn. 10 pages;

Drgn. Nil).

Cl. : 62 B C 2 D.

174798

Int. Cl. : D 06 P 1/08.

D 06 M 1/14.

"A PROCESS FOR PREPARING POLY (PARAPHENYLENE TEREPHTHALAMIDE) FIBERS DYEABLE WITH CATIONIC DYES".

Applicant : E.I. DU PONT DE NEMOURS AND COMPANY OF WILMINGTON, DELAWARE, UNITED STATES OF AMERICA.

Inventor : JON DAVID HARTZIER.

Application No. 458/Cal/90; filed on 30th May, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

5 Claims

A process for preparing poly (paraphenylene terephthalamide) fibers dyeable with cationic dyes comprising :

contacting poly (paraphenylene terephthalamide) fibers with an aqueous solution comprising 1 to 25 per cent by weight of the solution of at least one of a dye promoting species selected from the group consisting of tetramethylene sulfone, tetramethylene sulfoxide, 1-methyl-2 pyridone, propylene carbonate, 1-methyl-2 pyrrolidinone, dimethyl-sulfoxide, 1-ethyl-2, pyrrolidinone, 1,3-dimethyl-2-imidazolidinon, glycerol, tetramethylurea and 1,3-dimethyl-3, 4, 5, 6-tetrahydro-2 (1H)-pyrimidinone such that the fibers are dyeable with cationic dyes.

Compl. specn. 16 pages. Drgns. Nil.

Cl. : 90 I + 97 H

174799

Int. Cl.⁴ : C 03 B 5/00, 27/00

A METHOD OF PRODUCING MOLTEN GLASS SUBSTANTIALLY FREE OF NICKEL SULFIDE IMPURITY.

Applicant : PPG INDUSTRIES, INC. OF ONE PPG PLACE, PITTSBURGH 22, STATE OF PENNSYLVANIA, UNITED STATES OF AMERICA.

Inventor : LEONARD ARTHUR KNAVISH.

Application No. 274/Cal/1990; filed on 03rd April, 1990.

Appropriate office for opposition Proceedings (Rule 4, Patent Rule, 1972) Patent Office, Calcutta

8 Claims

A method of producing molten glass substantially free of nickel sulfide impurity wherein relatively cold glass batch material comprising at least nickel and sulfur or compounds thereof as known per-se as impurities is fed onto a pool of melting glass at an upstream end of a furnace, and molten glass is withdrawn at a downstream end of the furnace longitudinally spaced from the upstream end, overhead heat for melting being provided to the furnace and a direct electrical current being applied to the pool of molten glass by means of at least one anode and at least one cathode, wherein an anodic terminus comprising the at least one anode is located closely adjacent to the bottom of the pool of melting glass and a cathodic terminus comprising the at least one cathode is located in the pool of molten glass at a location spaced from the bottom of the pool, the anodic terminus and the cathodic terminus being positioned so as to provide oxidizing conditions in a region of the pool of molten glass adjacent to the bottom of the pool and upstream from a spring zone of rising glass convection currents, said spring zone being located in the downstream direction of the relatively cold batch material floating on the molten glass, and said spring zone being subject to said direct overhead heat, and wherein the electrical current passed through the molten glass is used in an amount which oxidizes nickel sulfide in the molten glass passing to the spring zone.

Compl Specn. 14 pages

Drgns. 1 sheet

Cl. : 203

174800

Int. Cl.⁴ : B 65 H 29/20.

DEVICE FOR THE DRAWING-OFF AND/OR GUIDANCE OF ELONGATE PRODUCTS.

Applicant : KABELMETAL ELECTRO GESELLSCHAFT MIT BESCHRANKTER HAFTUNG OF KABLEKAMP 20, D-3000 HANNOVER 1, REPUBLIC OF GERMANY.

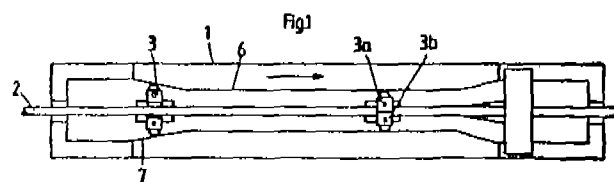
Inventors : (1) GERHARD ZIEMEK, (2) HARRY STASCHIEWSKI, (3) HERMANN MEYER.

Application No. 1024/Cal/1990; filed on 11th December, 1990.

Appropriate office for opposition Proceedings (Rule 4, Patent Rule, 1972) Patent Office, Calcutta.

12 Claims

Device for the drawing-off and/or guidance of elongate products, such as electrical cables, tubes, ropes and the like, consisting of collet chucks which are moved by endless chains in the drawing-off direction and are mounted on clamping carriages and which are located opposite one another in pairs transversely relative to the drawing-off direction and are mounted so as to be movable in this direction, during their movement in the drawing-off direction, relative to one another up against the product or away from this, the clamping carriages being guided laterally, characterised in that the lateral guide consists of endless guide rails extending along the entire rotational path of the clamping carriages and the said clamping carriages are connected to the associated endless chain via tension rods.



Compl. Specn. 10 pages.

Drgns. 3 sheets

Ind. Cl. : 194C₁

174801

Int. Cl.⁴ : H01J 31/00.

A PROTECTING DEVICE FOR CONNECTING PINS OF AN ELECTRON GUN OF A CATHODE RAY TUBE.

Applicant : SAMSUNG ELECTRON DEVICES CO. LTD., A KOREAN CORPORATION, 575 SHIN-RI, TAEAN-EUB, HWASEONG-GUN, KYUGGI-DO, KOREA.

Inventor : DONG-JUN PARK.

Application for Patent No. 1056/Del/89 filed on 15th November, 1989.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-100 005.

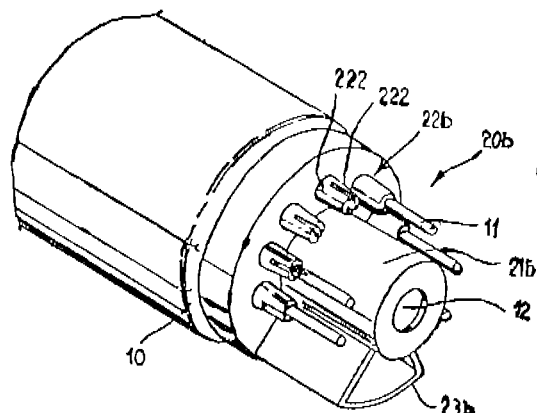
2 Claims

1. A protecting device for connecting pins of an electron gun of a cathode ray tube comprising a base body for covering the rear end of a stem from which said connecting pins extend, a cylinder provided at the center of said base body, and a plurality of protecting tubes projected from said base body in a circular pattern around said cylinder.

characterized in that the end portions of said protecting tubes include two divided semicylindrical portions to form a pair of grasping pieces and the central gap between each pair of said semicylindrical portions is of a predetermined size so that each of said connecting pins inserted into said

protecting tubes are securely grasped by each pair of said semicylindrical portions.

FIG. 3



Compl. Specn. 8 pages

Drgns. 3 sheets

Ind. Cl.: 32B

174802

Int. Cl.: C08H, 1/00

PROCESS FOR THE EXTRACTION OF PROTEIN CURCULIN.

Applicant: YOSHIE KURIHARA, 4-7, OKUZAWA 7-CHOME SETAGAYA-KU, TOKYO 125, JAPAN, A JAPANESE NATIONAL AND ASASHI DENKA KOGYO KABUSHIKI KAISHA, 2-35, HIGASHIOGU 7-CHOME, ARAKAWA-KU, TOKYO 116, JAPAN, A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF JAPAN.

Inventors: YOSHIE KURIHARA, ASAHI DENKA KOGYO KABUSHIKI KAISHA.

Application for Patent No. 504/Del/89 filed on 9 Jun 1989.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

10 Claims

Process for the extraction of protein curculin from fresh curculigo latifolia fruits or dried fruits thereof with an aqueous solution of salt as herein described desalting and drying the said extracts to get protein curculin, characterised in that the concentration of salt is atleast 0.01M.

(Compl. Specn. 21 pages

Drg Nil sheet)

Int. Cl.: C 08 L 33/22, 33/24

174803

Ind. Cl.: 32 E + 104F

A FLEXIBLE CHLOROFLUOROHYDROCARBON PERMEATION RESISTANT COMPOSITION.

Applicant: ALLIED-SIGNAL INC., A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF COLUMBIA ROAD AND PARK AVENUE, MORRIS TOWNSHIP, MORRIS COUNTY, NEW JERSEY, UNITED STATES OF AMERICA.

Inventors: ALTMAN CARLELLIOT, RAO MOLHERLA KRISHNAKUMAR.

Application No. 846/Del/88 filed on 4 Oct. 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

7 Claims

A flexible, chlorofluorohydrocarbon permeation resistant composition comprising:

from 40% to 90% by weight of at least one polyamide; from 5 to 40% by weight of at least one nitrile rubber; and

from 5% to 40% by weight of at least one reactive rubber comprising a copolymer of ethylene and an alpha-olefin having 3 to 8, carbons, said copolymer having an unsaturated reactive graft moiety reactive with the end groups of the polyamide.

Compl. Specn. 18 pages

Drg. Nil

Ind. Cl.: 32 E [IX (1)]

174804

Int. Cl.: C 08 F, 214/02

A PROCESS FOR THE PREPARATION OF STABILIZED HALOGENATED POLYMER OR COPOLYMER-BASED BLENDS.

Applicant: SIMON KORNBAUM, A FRENCH CITIZEN, OF 213 RUE BENJAMIN DELESSERT, 69300 CALUIRE, FRANCE.

Inventor: SIMON KORNBAUM.

Application No. 1075/Del/88 filed on 7 Dec. 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

5 Claims

A process for the preparation of stabilised halogenated polymer and/or copolymer-based blends such as herein before described which is stable against the undesirable effects of heats and discolourisation during their passage through processing machines, which comprises preparing said blends by any conventional process with conventional ingredients, characterised in that during the preparation of said blends, at least one organic compound such as herein described containing one or more-SH functions and of at least one halide chosen from organo-metallic halides including only one metallic atom and/or metallic halides, or a mixture of these compounds is added thereto, thereby resulting in said stabilized blends, the amount of said organic compound being from 0.1 and 5 parts weight per 100 parts weight of said blend and preferably between 0.3 and 1.5 parts weight per 100 parts weight of said blend and the amount of said added quantity of halide (s) expressed by its halogen content, is between 0.1 and 30 milliequivalents of halogen per kg of said blend, and preferably between 0.3 and 10 milliequivalents per kg of said blend.

Compl. Specn. 17 pages

Drg. Nil

Ind. Cl.: 32 F 3 (a) IX (1)

Int. Cl.: C 07 C 47/00

PROCESS FOR PRODUCTION OF AROMATIC ALDEHYDES.

Applicant: L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, A FRENCH COMPANY, OF 75, QUAI D'ORSAY, 75321 PARIS CEDEX 07, FRANCE.

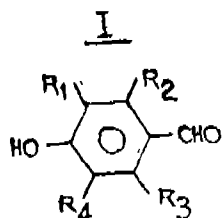
Inventors: 1. PHILLIPPE COMPO, 2. PANAYOTIS COCOLOIS, 3. PAUL DOGNIN, 4. HENRY LEDON.

Application No.: 1063/DEL/88 filed on 5-12-88.

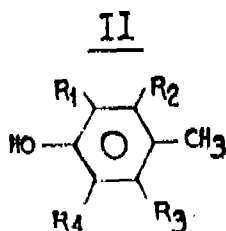
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-5.

8 Claims

A process for the production of aromatic aldehydes having the formula I of the drawings.



in which each R_1 , R_2 , R_3 and R_4 is selected from the group consisting of hydrogen, a lower alkyl radical and halogen, by reacting an alkylphenol of the formula II.



in which R_1 , R_2 , R_3 and R_4 have the same meaning as above, with oxygen, in alcohols in the presence of a base such as herein described and of a catalyst consisting of a catalyst chelated complex of cobalt (II) the amount of which is of 1% to 5% relative to the substrate, the said chelated complex of cobalt being selected from the group consisting of bis-(4-methylpyridine isindolinato) cobalt (II) acetate, phthalocyaninocobalt (II) and sulfophthalocyaninocobalt (II), and the oxidation reaction is performed under normal pressure of about 0.1 MPa and at a temperature comprised between 55 and 65°C.

(Compl. Specn. 16 pages,

Drgns 3 sheets)

Ind. Cl. : 40F

174806

Int. Cl. : B01F 308

METHOD FOR THE CONTINUOUS PRODUCTION OF AN OIL/WATER EMULSION FOR USE IN AN EXPLOSIVE COMPOSITION.

Applicant : IMPERIAL CHEMICAL INDUSTRIES, PLC., OF IMPERIAL CHEMICAL HOUSE, MILLBANK, LONDON SW1P 3 JF, ENGLAND.

Inventor : RAYMOND OLIVER, JEREMY GUY BREAKWELL SMITH, FURTUNATO VILLAMAGNA.

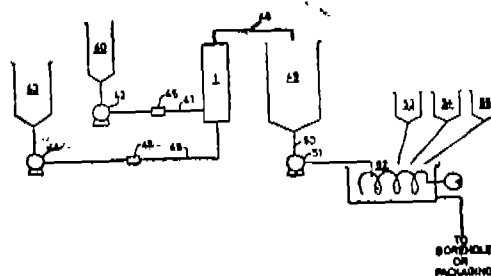
Application for Patent No. 1028/Del/88 filed on 25th November, 1988.

Conventional Data: Date 17-12-1987 No. 8729444, Country U.K., Date 7-3-1988 No. 8805352, Country U.K., Date 5-7-1988 No. 8815985, Country U.K.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-5.

10 Claims

A method for the continuous production of an oil/water emulsion for use in an explosive composition which method comprises continuously forming an emulsion by simultaneously and continuously mixing a continuous phase component of the kind as herein defined and an immiscible aqueous discontinuous phase component of the kind as herein defined by introducing the one to the other, characterised in that said step of continuously mixing comprises introducing a flowing liquid stream of the immiscible discontinuous phase component into said continuous phase as a turbulent jet by causing a constriction and disrupting said flowing liquid stream of said immiscible discontinuous phase to form a turbulent jet having a Reynolds number of from 30,000 to 500,000 of fine droplets of a predetermined size and flow pattern and causing said turbulent jet of droplets to emerge from the constriction at a rate sufficient to entrain and mix with a sufficient quantity of flowing continuous phase component simultaneously delivered to a point at or near the emergent turbulent jet of fine droplets of the immiscible discontinuous phase in order to achieve instantaneous formation and stabilisation of an emulsion of said immiscible discontinuous phase fine droplets and said continuous phase.



(Compl. Specn. 29 pages,

Drgns. 16 sheets.)

Ind. Cl. : 12B 1/3

174807

Int. Cl. : B.21, B.13/00

ROLL APPARATUS FOR A ROLLING MILL.

Applicant : MORGAN CONSTRUCTION COMPANY, OF 15 BELMONT STREET, WORCESTER, MASSACHUSETTS 01605, U.S.A.

Inventors : PHILIP WYKES AND DAVID LEE PARISEAU.

Application for Patent No. 1009/Del/88 filed on November 24, 1988.

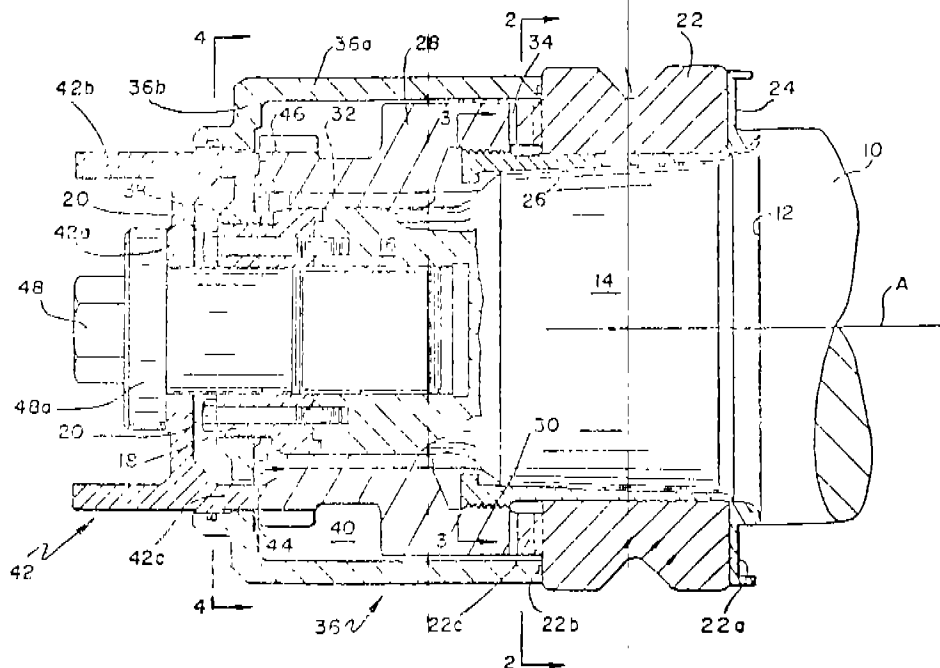
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-5.

12 Claims

A roll apparatus for a rolling mill comprising a roll shaft having a tapered portion and an end portion; an annular roll located proximate to and surrounding said tapered portion, said roll having circumferentially spaced keys located on an outer face thereof; a tapered sleeve located proximate to and

axially received in a tightly wedged position between said roll and said tapered shaft portion, and, a drive ring located proximate to said end portion and connected to said sleeve, said

drive ring being splined to said shaft end portion and having lug members associated therewith which are axially received between and rotatably interengaged with said keys.



(Compl. Specn. 11 pages,

Drwgs. 2 sheets)

Ind. Cl. : 206 I
Int. Cl. : H 04 N 5/38

174808

RESTRICTED ACCESS TELEVISION TRANSMISSION SYSTEM.

Applicant : INTERNATIONAL TELESYSTEMS, INC., 415, NORTH CRESCENT, SUITE 120, BEVERLY HILLS, CALIFORNIA 90210 USA, (A CALIFORNIA CORPORATION).

Inventors : BRUNO A. RIST AND ADRIAN A. DEVRIES.

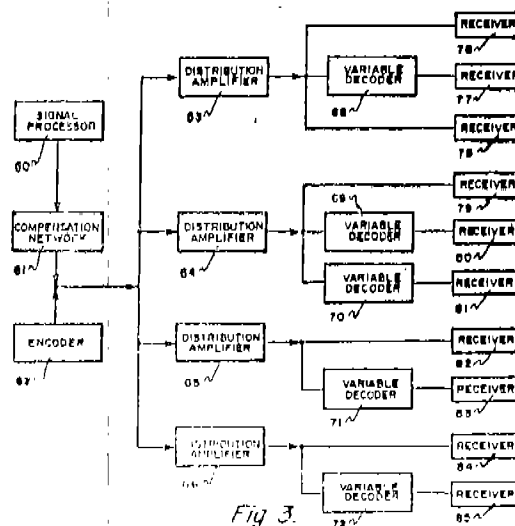
Application for Patent No. 991/Del/88 filed on 15th November, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-5.

25 Claims

A television signal transmission security system comprising television signal generating means generating a television signal having a video carrier and an audio carrier; encoder means for injecting one or more interfering signals into said television signal, said one or more interfering signals being injected into said television signal in frequency bands above and below said video carrier which are no more than about 10% of the allocated frequency bandwidth of a standard television channel; transmission means for transmitting said television signal with said interfering signal to a plurality of television receivers; and narrow band notch filter means at each of said television receiver means receiving and removing said interfering signal; whereby said television signal may be

viewed at said receiver without any degradation of said television signal.



(Compl. Specn. 31 pages,

Drwgs. 7 sheets.)

Ind. Cl. : 32 E-[IX (1)]
Int. Cl. : C 08 L, 67/08

174809

FIBER/RESIN COMPOSITES, AND METHOD OF MAKING THE SAME.

Applicant : LOCTITE CORPORATION, A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF CONNECTICUT, UNITED STATES OF AMERICA, OF 705 NORTH MOUNTAIN ROAD, NEWINGTON, CONNECTICUT 06111, U.S.A.

Inventors : 1. KIERAN FRANCIS DRAIN, 2. LARRY ARMAND NATIVI, 3. RICHARD TREADWELL THOMPSON.

Application No. 872/Del/88 filed on 13th October, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-5.

14 Claims

A fiber/resin composite used for manufacturing articles such as herein described, said composite comprising fiber(s) mixed with a resin composition, said resin composition having an actinic radiation-curable first resin component such as herein described and a second resin component which is non-cured under actinic radiation conditions curingly effective for the first resin component, wherein the actinic radiation curable component is present in an immobilizingly effective amount which is 1 to 50% by weight based on the total weight of components in the composition.

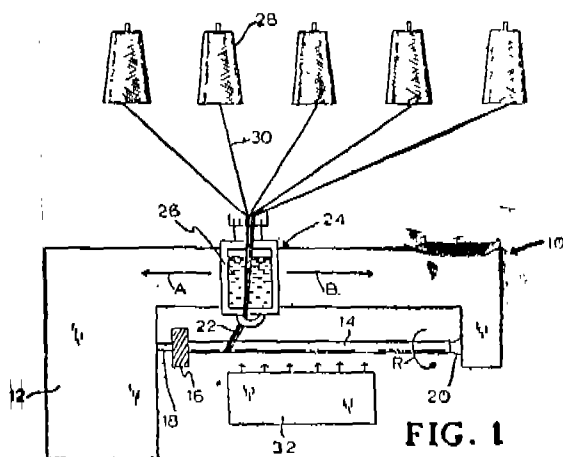


FIG. 1

(Compl. Specn. 40 pages,

Drwngs. 2 sheets.)

Ind. Cl. : 40 F

174810

Int. Cl. : B 03 C 3/00

AN IMPROVED POWER SUPPLY SYSTEM FOR ELECTROSTATIC PRECIPITATORS.

Applicant : BHARAT HEAVY ELECTRICALS LIMITED (A GOVERNMENT OF INDIA UNDERTAKING), 18-20 KASTURBA GANDHI MARG, NEW DELHI-110 001, INDIA, AN INDIAN ORGANIZATION.

Inventors : 1. DR. SRINIVASAN SOKAR, 2. ARUMUGAM MARIMUTHN.

Application No. 702/Del/88 filed on 16-8-1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-5.

6 Claims

An improved power supply system for electrostatic precipitators comprising :—

a transformer-rectifier connected to;

a conventional electronic panel provided with a main controller for receiving primary voltage and primary current feed backs from the primary side and high tension voltage and high tension current feed backs from the other side, respectively, of said transformer-rectifier characterised in that a digital ON/OFF controller being connected to said main controller, said digital ON/OFF controller comprises a generator connected to an input of a limiter, output of said limiter connected to an input of a digital dividing network, an ON-TIME selector and an OFF-TIME selector being connected to said digital dividing network, and an output drive connected to the output of said

OFF-TIME selector, and ON/OFF controller being provided to control the firing sequence of the thyristors supplying desired input power to the electrostatic precipitators.

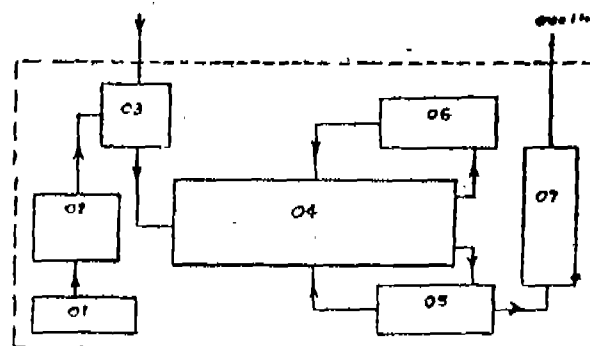


Fig 2

(Compl. Specn. 13 pages,

Drwngs. 2 sheets)

AMENDMENT PROCEEDING UNDER SECTION 57

The amendments proposed by SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B. V., THE NETHERLANDS, in respect of Patent Application No. 392/Mas/87 (169798) as advertised in Part III, Section 2 of the Gazette of India on 1-2-1992, no opposition being filed within the stipulated period, the said amendments have been allowed.

Notice is hereby given that DR. MARK EISENBERG of 6 Lord Howe Street, Dover Heights, New South Wales, 2020, Australia an Australian Citizen have made an application under Section 57 of the Patents Act, 1970 for amendment of specification of their application for Patent No. 174100 for "Process for the preparation of a composite Living Skin equivalents." The amendments are by way of correction. The application for amendment and the proposed amendments can be inspected free of charge of Patent Office, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020 or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall left within one month from the date of filing the said notice.

PATENT SEALED ON 10-2-95

165751 171129 *D 172066 172763 172890 *D 173112 173268 173347 *D 173398 173643 *D 173644 *D 173652 173653 * 173660 173740 173781 173782 *D 173783 173784 173785 173786 173787 173790 * 173791 173792 * 173793 173794 *D 173796 *D 173797 *D 173798 *D 173799 173801 173802 * 173804 173805 173806 173807 173808 173810

Cal-10, Del-10, Bom-04 & Mas-15

*Patent shall be deemed to be endorsed with the words "LICENCE OF RIGHT" under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

D-Drug patent.

CESSATION OF PATENTS

165742 165749 165753 165773 165774 165778 165785 165793 165803 165821 165828 165836 165878 165895 165904 165921 165933 165957 165963 165978 165995 166015 166031 166034 166037 166078 166079 166109 166114 166115 166141 166142 166151 166163 166164 166165 166173 166178 166204 166214 166218 166246 166257 166258 166259 166283 166292 166293 166301

RENEWAL FEES PAID

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161463	161551	161624	161625	161744	161990	162010	162106	170377	170391	170428	170489	170500	170523	170524	170532
162143	162152	162165	162550	162804	162830	162836	163008	170533	170574	170612	170648	170689	170718	170719	170794
163134	163143	163151	163296	163343	163361	163895	163923	170865	170886	170923	170925	171068	171071	171122	171130
164535	164571	164598	164738	164764	164790	164838	164867	171134	171151	171205	171236	171321	171325	171326	171443
165019	165090	165091	165143	165146	165236	165240	165290	171498	171499	171684	171700	171811	171840	171844	171885
165338	165340	165358	165382	165415	165573	165965	165990	171886	171887	171898	171911	171930	171933	171966	172032
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166344	166425	166430	166492	166501	166502	166505	166643	172122	172126	172205	172223	172240	172256	172259	172385
166676	166873	166875	166922	167259	167528	167609	167680	172390	172436	172442	172443	172445	172447	172451	172454
167699	167776	167930	168040	168096	168127	168128	168178	172457	172463	172472	172477	172483	172502	172553	172557
168184	168230	168312	168352	168387	168424	168435	168496	172560	172566	172567	172575	172576	172613	172641	172661
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								172876	172924	172925	172991	172992			

MECH. & GEN. LIST NO. III

COMMERCIAL WORKING OF PATENTED INVENTIONS

The following Patents in the field of Mechanical & General Engineering Industry are not being commercially worked in India as admitted by Patentees in the statements filed by them under section 146(2) of the patents Act, 1970 in respect of Calander Year 1992 generally on account of want of request for licences to work the patented invention. Person who are interested to work the said Patents commercially may contact the Patentees for the grant of a license for the purpose.

Patent No.	Date of Patent	Name & Address of the Patentee	Title of the invention
1	2	3	4
150458	13-3-1981	Ahmedabad Textile Industr. of P. O. Polytechnic Ahmedabad 380 015, India	Beat up mechanism for looms particularly used in wave line weaving machine.
153812	30-9-1982	Do.	An apparatus for propelling weft thread in a travelling wave shedding looms.
154709	1-4-1981	Do.	Shed forming device for wave line weaving looms.
155756	17-8-1981	Do.	Weft replenishing mechanism for travelling wave shedding looms.
156737	29-6-1982	Do.	Method of cutting micromic serrations at the edge of a blade of a hardened material such as for slub catchers used in yarn winding machines.
157585	12-9-1983	Do.	Improvements in or relating to a bobbin for ring frames used in spinning mills.
164355	22-1-1986	Do.	An improved slub-catcher blade.
166131	29-10-1983	Ajit V. Mehta, of 3548 Illinois Rd, Wilmette, Illinois-60091, U.S.A.	A retractable drive system for a rubber tired vehicle.
168585	30-9-1986	Akebono Brake Industry Co., Ltd. of No. 19-5, Xomicho, Nihonbushi, Chuo-ku, Tokyo, Japan.	Straightener roll machine for brake shoe.
157504	23-12-1981	Alsthom-Atlantique, 38 Avenue Kleber, 75784 Paris Cedex 26, France.	A diffuser adapted to bleed through the wall.
160410	11-5-1981	Do	An automatic sheet metal cutting machine.

1	2	3	4
163712	16-7-1985	Alstom 38, Avenue Kleber, 75784 Paris Cedex 16, France.	Compressed gas circuit breaker.
165721	23-7-1985	Do.	Device for separating assembling two enclosures of an electrical cutout apparatus containing fluid under pressure.
168305	4-2-1987	Do.	A device for ventilating at least one of a fluid radiator unit and a starting and braking reheostat unit located proximate to the roof of an electrically powered unit.
166956	17-2-1986	Alexander I. Kalina, of 12214, Clearfork, Drive Houston, Texas 77077, U.S.A.	An apparatus for improving the heat utili- zation efficiency of a thermodynamic cycle.
167747	6-8-1986	Alfa Institut Fur Mauswirtschaftliche, Produkt-Und Verfahrensentwicklung, GmbH, of Albrechtstrasse 4, 6228, Eltville Am Rhein 2, West Germany.	A cooking vessel.
168464	1-9-1986	Do.	A modified microwave cooking apparatus.
161091	1-6-1984	Alfred Reader & Co. Ltd. of Invicta Works, Teston, Maidstone, Kent, ME 18, SAW, England.	A ball and the method of manufacture thereof.
168355	22-10-1986	Altrack Ltd., of 4th Flr, 160, St. George's Terrace, Perth, Western Australia.	An endless track for tracked vehicles.
158859	13-5-1983	American Flange & Manufacturing Co. Inc. 1100 & West Blancke Street, Linden, New Jersey 07306, U.S.A.	Container closure.
160102	2-3-1984	America Flange & Manufacturing Co. Inc	A closure assembly for dispensing liquid products from cans and pails.
162857	8-4-1985	American Flange & Manufacturing Co. Inc. 1100 West Blancke Street, Linden, New Jersey 07036, U.S.A.	Tamper-evident closure assembly.
162155	20-7-1984	Arthur Ernest Bishop, of 17, Burton, Street, Mosman, New South Wales, Commonwealth of Australia Klaus Juergen Roake, of 54, New-South Wales, Commonwealth of Australia.	A machine for cutting the teeth of a rack.
158289	3-4-1983	Ashok Leyland Ltd, 19, Rajaji Salai, Madras- 600001, Tamil Nadu.	An improved marine screw propeller.
160334	28-2-1984	Aur Hydropower Limited, New Court, St. Balthins Lane, London EC4, England.	Water engine.
157268	13-10-1981	BICC Public Limited Company, 21 Blooms- bury Street, London WC1B 3QN, England.	Method and apparatus for manufacturing flexible stranded bodies.
161277	12-6-1984	Do.	An optical fibre ribbon structure] and a method of manufacturing the same.
163398	8-3-1985	Do.	An improved optical fibre element and method of manufacturing same.
163648	19-6-1985	Do.	An optical fibre cable element.
163912	19-6-1985	Do.	An improved optical fibre ribbons.
157055	6-8-1982	Blountthrust Limited, 6, The Industrial Estate, Victoria Avenue, Swanage, Dorset BH 19 1 BJ, England.	A releasable clip for securing hoses/pipes and the like articles.

1	2	3	4
160710	5-5-1984	BL. Technology Ltd., of 35—38, Portman Square London Alcan International Ltd, of 1188, Sherbrooke Street, West Montreal, Quebec, Canada.	Structures fabricated from aluminium components and process involved in making these structures.
158440	19-10-1982	Bonas Machine Co. Ltd., of Pallion Industrial Estate, Sunderland SR5 6SX, England.	A yarn feed device for a rapier weaving loom.
159373	18-4-1983	Do.	A narrow fabric weaving loom.
148580	28-9-1978	Brakes India Ltd. Padi, Madras 600050, Tamil Nadu, India.	A brake fluid reservoir of a hydraulic braking system.
148974	28-9-1979	Do.	A self-operative device for adjusting the brake lining with respect to the brake drum of a braking system.
149236	16-6-1980	Do.	An improved cam brake.
149241	5-4-1980	Do.	A pedal mechanism for a hydraulic brake system.
153829	25-10-1982	Do.	S-Cam brake.
156335	19-10-1982	Do.	A dust cover for wheel cylinders of vehicle hydraulic brakes.
167334	29-4-1986	Charbonnages De France of 9, Avenue, Percier 75008, Paris, France.	Turbulent flow burner for fluid fuel combustion.
167084	29-1-1986	Color Processing System, Sdn. Bhd, of No. 103 Jalang SS2/6, Petaling, Jaya, Selangor, Malaysia.	A method of producing business cards, name cards and the like in colour.
157916	5-4-1982	Compagnie Industrielle Des Telecommunications Citicatel, 12 rue de La Baume 75008, Paris, France.	Time division exchange.
158087	7-7-1982	Do.	A combination of interconnected micro-processors with a system of distributed control thereof.
168292	28-5-1985	Compair Broomwade Limited, P. O. Box 7 Broomwade Works, High Wycombe, Buckinghamshire HP 1355F, England.	Screw rotor machines.
166694	13-3-1986	Dr. C. Otto & Comp. GmbH, Christstrasse 9, 4630 Bochum, West Germany.	Method and plant for manufacturing fuel from thick tar separated from coke oven gas collected in thick tar separators during cooling of the said gas.
154754	8-10-1980	Dyno Industrier A. S, Nordre Slottsgt, 2, Oslo, Norway.	Building for detonating explosives.
160666	9-8-1983	Emhart Industries Inc., of P. O. Box 2730, Hartford, Connecticut 06101, U.S.A.	A moulding device for use in a cyclically operating glassware forming machine.
161975	27-11-1984	Emhart Industries Inc., of 426, Colt, Highway, Farmington, Connecticut 06032, U.S.A.	Moulding apparatus for use in a cyclically operating glassware forming machine.
166238	20-11-1985	Festo KG, Ruiters Strasse 82, 7300 Esslingen, Federal Republic of Germany.	A fluid operated oscillating piston motor.
166645	18-11-1985	Do.	Pneumatic or hydraulic assembly.

1	2	3	4
165197	6-6-1985	Flonic of 12 Place des Etats-Unis, 92120, Montrouge France.	A bellows type gas meter with a rotary distributor.
169397	20-4-1987	Fluid Technology (AUST) Ltd., of 5th Floor, 190 St. Georges Terrace, Perth Western Australia-6000 Australia.	Fluid injection system.
167085	29-1-1986	FMC Corporation, of 200, East Randolph Drive, Chicago, Illinois, 60601, USA.	Container translating and orienting apparatus.
170420	29-1-1986	— Do. —	A helical roller assembly for container translating and orienting apparatus.
154284	5-5-1980	G. D. Societe 'Per Azioni' 40100 Bologna, Via Pomponia, 10, Italy	A manufacturing machine for simultaneously producing two continuous cigarette rods.
154376	20-5-1980	— Do. —	Trimmer device for the tobacco filler in a cigarette manufacturing machine.
155890	21-4-1981	— Do. —	Machine for producing two continuous cigarette rods.
157114	19-10-1981	— Do. —	Device for replacing a first empty reel of strip material with a second new reel.
157170	19-10-1981	— Do. —	A device for simultaneously cutting two continuous rods of cigarette.
158525	16-8-1982	— Do. —	A turn around device for rods like articles in particular cigarette.
159143	19-1-1983	— Do. —	A cutting device for continuous rod of cigarettes.
159415	16-8-1983	— Do. —	Machine for the simultaneous manufacture of continuous cigarette rods.
159652	14-3-1983	— Do. —	An axial translation device for partly finished cigarettes.
161418	16-10-1984	— Do. —	Cigarette manufacturing machine with an auxiliary tobacco feed unit.
167611	6-1-1987	— Do. —	Device for feeding a strip paper on a dual rod cigarette manufacturing machine.
159908	30-7-1983	General Signal Corporation High Ridge Park, Box 10010, Stamford, Connecticut 06904, U. S. A.	A rotary valve.
164154	8-2-1985	Hobley Medical Technology Incorporated of 2381, Vardugo, Drive, Unit, 105-B, Laguna Hills, California 92653, USA.	A sphincter suitable for implantation so as to embrace a patients urethra for occluding and opening the urethra and controlling the passage of urine there-through.
164567	23-9-1985	Hazemag Dr. E. Andreas GmbH & Co. of Rosnerstrasse, 6-8 Postfach, 3447, D-4400 Munster, Federal Republic of Germany.	Push feeder for feeding material to a mill or a crusher.
169349	8-4-1987	Hercules Security Fabrications Ltd. of 4th Avenue, Team, Valley Trading Estate, Gateshead Tyne wear NE 11, OJT, England.	Rotary anti-sealing device.
167420	27-3-1988	Hindustan Lever Ltd. 165-166, Backbay Reclamation, Bombay-400020, Maharashtra, India.	A non conveying mixer for mixing material.

1	2	3	4
163014	26-11-1984	Hondo Giken Kogyo Kabushiki Kaisha, of No. 27-8, 6-chome Jingusae, Shibuya-ku, Tokyo Japan.	Replaceable gang Head machine tool.
164461	15-4-1985	— Do. —	A method sintered molded body and method of manufacturing the same.
164639	15-4-1985	— Do. —	Process for manufacturing dies and dies made thereby.
166394	15-10-1985	— Do. —	A vacuum mould for vacuum forming a heated plastic sheet with an imprinted grain pattern of the surface of the sheet.
166951	26-12-1985	— Do. —	A method of manufacturing an air permeable electrocast shell.
166524	19-11-1985	Hugh Patrick Christie, of 50, Bevington, Road, Glenunga, Commonwealth of Australia.	Tea bag with a protective cover and a method for manufacturing the same.
161360	26-6-1984	Ingenteursbureau, A. P. Van Dan, Berg, B.V. of Iizerweg n, Heenenveen, Netherlands, and Mantra Tube Ltd, of P. O. Box 122, St. Peter Port, Guernsen (C I.) Great Britain.	Device for welding together aligned tubes.
160484	5-4-1984	Institut Francais Du Petrole, n, Avenue, De Bois, Preau-92502, Rueil, Malmaison, France	A device for carrying out measurements in a well.
164381	1-5-1985	— Do. —	A device for applying pulsed radial stresses to the wall of a well.
169464	7-4-1987	Institut Francais Du-Petrole, 4, Avenue De Bois, Preau 92502, Rueil, Malmaison France.	A device for generating acoustic waves by means of a falling mass striking a target element anchored in a well.
163675	3-12-1985	Jean Guigan, of g rue Jean Mermoz, 75008, Paris, France.	Apparatus for automatically performing medical analysis of samples.
168786	7-10-1988	Joagujm Antonio Valadares-Indian, Alto, Guimardes House No. 299, Panaji, Goa-403001.	An improved unbalance turbine.
164968	30-10-1985	John Derek Guest 'IONA' Cannon Hill Way Bray, Maidenhead, Berkshire, United Kingdom.	Improvement in or relating to tube couplings.
161589	29-1-1986	Kabelschlepp GmbH, of Marienborner Str, 75,5900, Siegen, West Germany.	Guide Chain for guiding energy lines.
160611	21-1-1985	Krishna Kumar Rai, of 4 MI es, Enclave, HAL Colony, Cidco, Nasik-422009, Maharashtra, India.	A novel sheave unit.
157145	1-7-1983	Kurt Kronenberg, West Germany National, of Muhlenbergweg 10, D-5485, Sinzig, West Germany.	Closing device for flexible containers.
153680	13-1-1980	Legrant S. A. of 128, Avenue du Malde lattr, de Tassigny, 87011, Limoges Cedex, France.	A cable tie.
149294	5-7-1979	Lucas Industries Public Limited Co. of Great King Street, Birmingham 19, England	A servo booster assembly for a vehicle braking system.
149295	5-7-1979	— Do. —	A servo booster for a vehicle braking system.
149296	5-7-1979	— Do. —	A servo boosters assembly.
149297	5-7-1979	— Do. —	A servo booster for a vehicle braking system.

1	2	3	4
149834	19-9-1979	Lucas Industries Public Limited Co. of, Great King Street, Birmingham 12, England.	A disc brake assembly.
150269	28-2-1981	—Do.—	A pin sliding caliper-disc brakes.
150461	8-2-1980	—Do.—	A friction lining wear indicator for shoe drum brake.
150635	9-1-1980	—Do.—	Vehicle load sensing arrangement.
150636	5-3-1980	—Do.—	Drum brake adjusters.
150779	21-5-1980	—Do.—	Automatically adjustable shoe drum brake.
151352	21-5-1980	—Do.—	A brake having an automatic adjuster.
151873	7-4-1981	—Do.—	Master cylinder.
153873	5-8-1981	—Do.—	Master cylinder.
154071	22-12-1981	—Do.—	Friction pad assembly for use in a disc brake.
155601	15-10-1981	—Do.—	Vehicle drum brakes.
155604	4-12-1981	—Do.—	Automatic adjuster for a shoe drum brake and shoe drum brake incorporating the same.
156336	20-4-1983	—Do.—	A disc for a vehicle disc brake.
157182	11-1-1983	—Do.—	Internal shoe drum brake.
159774	23-12-1983	—Do.—	Sliding caliper disc brake with pad support.
160633	30-3-1984	—Do.—	Master cylinder for vehicle braking system.
161356	5-6-1984	—Do.—	Improvement in vehicle disc brakes of the liquid cooled type.
162334	4-9-1984	—Do.—	Actuator assemblies for vehicle brakes.
163140	29-11-1984	—Do.—	Internal shoe drum brake.
164062	6-5-1986	Maharaj Krishan Mehta, of 23, Maison, Belvedere, 107, K. Karve Road, Bombay-400020, Maharashtra, India.	An apparatus for filling small containers with powdered or particulates materials.
165635	6-9-1985	Masataro Sato 191 Banchi, Oozu Cenoba, Miki-cho, Kita-gun, Kagawa-ken, Japan.	Brake System for cycles.
168423	11-11-1986	—Do.—	Brake system for bicycles.
167094	1-8-1986	Mauricio Kling, of Maffei-Strasse, 4, D-8000, Munchen, Federal Republic of Germany.	A rotor for a wind driven generator.
160783	22-6-1984	Mefina S. A., 5-A Boulevard de Perolles, 1700 Fribourg, Switzerland.	Machine for working materials such as wood, metal and plastic.
160917	27-6-1984	Minnesota Mining & Manufacturing Company, 3M Center, Saint Paul, Minnesota 55144, U. S. A.	A stapler for use with generally U-shaped staples.
163853	31-12-1984	—Do.—	Directionally imaged sheeting.
165712	14-2-1986	—Do.—	A cartridge for use in a stapler for driving generally U-shaped staples.
166982	13-1-1986	—Do.—	A heat recoverable article such as telecommunication cables, capable of shrinking under the influence of heat.
169211	13-2-1987	—Do.—	A Bopa stapler.
169793	3-6-1987	—Do.—	Cube-corner retro-reflector.
159249	31-1-1984	Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi, 2-chome, Chiyoda-ku, Tokyo, Japan.	Static induction apparatus.
160496	6-3-1984	—Do.—	Heat exchanging device with heat exchanging plates.
163154	14-4-1982	—Do.—	Drawer-type circuit breaker with improved latch means.
166392	29-7-1982	—Do.—	A batch inserting test plug for a drawer type relay.
167150	2-4-1986	—Do.—	Apparatus for preventing turbulence in wheeled vehicles running on rail road tracks.

1	2	3	4
158723	17-2-1984	Mitsuboshi Belting Ltd., 1-215 Hemazodori 4-chome, Nagata-ku, Kobe-shi, Hyogo, Japan.	Power transmitting V. belt.
159224	17-2-1984	—Do—	Power transmitting V-belt.
159226	18-2-1984	—Do—	Method for manufacturing elongated cogged V-Belt.
159640	18-2-1984	—Do—	Toothed rubber belt.
161448	3-7-1984	Monsanto Company, 800 North Lindbergh, Boulevard, St. Louis, Missouri 63166, U. S. A.	An apparatus for the recovery of heat from a sulphuric acid plant.
166679	10-1-1986	—Do—	A process for making an apparel yarn suitable for draw texturing and an apparel yarn thereof.
166892	8-11-1985	—Do—	An apparatus for use in the recovery of the heat or absorption in a process for the manufacture of sulfuric acid.
163370	23-3-1985	M. V. Sreenivesa Raju F-11 & F-14, Manish Complex, 10, Convent Road, Bangalore 25.	A device to guide and/or channelise hot water on the surface of water reservoir in a predetermined route (s)/length(s) for cooling the same.
160599	9-4-1984	Nitto Boseki Co. Ltd. No. 1 Aza Higashi, Gonome, Fukushima-shi, Fukushima, Japan.	A method of producing fiber farming bushing.
160914	29-5-1984	—Do—	A centrifugal force system glass fiber producing apparatus.
169507	28-11-1986	Nodest Vei, A/s. of Linnesstrandaz, Box 507, N-3412, Lierstranda, Norway.	An apparatus for mixing gravel and bitumen.
169110	30-12-1986	ONO, of SA Capital 8, 800,000 F-28700, Avenue, France.	A device for distributing thermoplastic or like material.
164289	29-4-1985	Owens-Illinois Closure Inc., One Sea Gate, Toledo, Ohio 43666, U.S.A.	Tamper indicating child resistant package.
164391	5-3-1985	—Do—	Below molding apparatus.
165236	3-10-1985	—Do—	Multilayer containers with improved stress crack properties.
165481	29-7-1985	Owens-Illinois Plastic Products Inc.,	Multilayer plastic structure.
165876	23-8-1985	Owens Illinois Closure Inc.,	A closure for a finish of a containing having a neck ring.
166337	28-11-1985	Owens-Illinois Plastics Products Inc.	A method of making a barrier plastic labelled hollow polyester or copolyester container & the container thereof.
166573	6-2-1986	Owens-Illinois Closure Inc., One Seagate, Toledo, Ohio, 43666, U.S.A.	A screw cap for closing the open upper finish of a container.
166863	20-2-1986	Owens Illinois Glass Container Inc., one seagate, Toledo, Ohio 43666, U.S.A.	Apparatus and method of manufacturing thermoplastic labelled containers by heat shrinking a wrap around thermoplastic label on a container.
166891	5-11-1985	Owens Illinois Closure Inc.,	A tamper resistant child resistant snap-on closure for use with a container.
166953	23-1-1986	Owens Illinois Closure Inc.	Apparatus for forming hollow plastic articles.
167339	15-5-1986	—Do—	Closure with a snap type hings cap.

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167399	25-6-1985	Owens Illinois Plastic Products Inc.,	A container.
168127	15-10-1986	Owens Illinois Glass Container Inc., of the Sea Gate, Toledo Ohio, 43666 USA.	A system for inspection and sorting of molded containers.
162053	26-7-1984	Palitex Project Company GmbH, Weeserweg 60, 4150 Krefeld, 1, Federal Republic of Germany.	Two-for-one twisting spindle.
163367	15-2-1985	—Do.—	A yarn wetting device.
168480	8-10-1986	—Do.—	A bobbin holder.
159675	24-2-1983	Paul-worth S.A., 32 rue, D'Alasace, Luxembourg, Grand Duchy of Luxembourg.	Device for coupling.
159870	8-12-1983	—Do.—	Apparatus for guiding and changing immersion lances.
160258	8-3-1984	—Do.—	Apparatus for plugging tap holes of shaft furnaces.
160951	4-4-1984	—Do.—	Apparatus for plugging the tapholes of shaft furnaces.
166339	10-12-1985	PFISTER GmbH, of Staetzelingerstrasse, 70, D-8900, Augsburg, Republic of Germany.	Force measuring device.
157644	4-2-1982	Portals Limited, Overton Mills, Overton, Basingstoke, Hampshire RG25 3JG, England.	Method of making fibrous sheet materials and fibrous sheet materials produced thereby.
158262	12-7-1982	—Do.—	Method of forming paper having partially embedded within its thickness a strip and paper so formed.
156346	22-5-1984	Press Metal Corporation Ltd., of Kurla Road, Bombay 400 059, Maharashtra, India.	Portal frames.
166502	8-11-1985	RAYCHEM Corporation, of No. 300 Constitution Drive, Menlo Park, California, 94025, U.S.A.	A method of producing a substrate with protective covering.
165549	24-7-1985	Research & Development Pty. Ltd. Suit 703, A.M.P. Building, 50 Miller Street, North Sydney, N.S.W. 2060, Australia.	Improvements in centrifugal grinding mills.
165267	23-7-1985	Rosemount Incorporated 12001 West 76th Street, Eden Prairie, Minnesota 55344, USA.	A batch fabricated thin film platinum resistance thermometer.
162971	19-11-1984	Sanden Corporation, 20 Kotobuki-cho Isesaki-shi, Gunma-ken, Japan.	A scroll type fluid displacement apparatus.
162983	22-11-1984	—Do.—	Scroll type fluid displacement apparatus with anti-wear scroll device.
162988	22-11-1984	—Do.—	Scroll type fluid displacement apparatus with improved drive shaft supporting mechanism.
163010	19-11-1984	—Do.—	Scroll type fluid compressor.
163143	14-11-1984	—Do.—	Scroll type compressor with displacement adjusting mechanism.
163156	26-12-1984	—Do.—	A refrigerant compressor with mechanism for adjusting the capacity thereof.
163342	14-11-1984	—Do.—	Scroll type fluid displacement apparatus including a pair of scrolls.

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164141	21-11-1984	Sanden Corporation 20 Kotobuki-cho, Iseski-shi- Gunma-ken, Japan.	Scroll type fluid displacement apparatus with varying scroll thickness.
164156	18-2-1985	—Do.—	A wabble plate type refrigerant compressor.
153097	10-11-1981	Santrade Ltd. of P.O. Box 321, CH-6002, Luzern, Switzerland.	Cutting tool.
164245	18-2-1985	—Do.—	Wabble plate type compression with a capacity adjusting mechanism.
160643	9-8-1984	—Do.—	Apparatus for the production of granules.
163143	12-11-1984	—Do.—	A blank of compound body for making cutting tools and a method of making the blank compound body.
166203	22-7-1987	—Do.—	A granulating device with a perforated hollow cylinder.
163931	6-2-1985	Schubert & Salzer Maschinenfabrik AG, Friedrich Ebert. Strasse 84, 8070 Ingolstadt, Germany.	Open-end rotor spinning apparatus.
166213	13-9-1985	—Do.—	A method and apparatus for obtaining dust free fibre.
166492	4-10-1985	—Do.—	A method and an apparatus for thread joining in an open and spinning apparatus.
166927	1-4-1986	—Do.—	A flat for carding machines.
167889	4-11-1986	—Do.—	An apparatus for supplying conical bobbins to the winding stations of a textile machine.
168357	11-11-1986	—Do.—	A device for removing a fibre mat leaving a pair of rollers and forming it into a silver.
168747	17-11-1986	Serge Bajada, of 30, Holdsworth, Street Fremantle, Western Australia, Australia 6160.	Apparatus for testing the sensory system in humans and animals.
166020	9-9-1985	Sereg, of 12, Place Des, Etas-Unis, 92120, Montrouge, France.	A globe valve having a dismountable seat for rapid maintenance.
164126	11-2-1985	Shaw Industries Ltd., 25 Bethridge Road, Rexdale, Ontario, Canada M9W 1M7.	A metal pipe having a protective costing & a method of making the same.
159804	10-2-1984	Shell Internationale Research Maatschappij B.V.A. Netherlands Company of Carel Van Byland Haan 30, The Hague, Holland.	Apparatus for transporting partionlate material.
160595	5-4-1984	—Do.—	Apparatus for separating mixtures of liquid and gas.
167045	24-2-1986	—Do.—	An apparatus for eliminating the influence of drill string magnetization on an azimuth measurement in a borshole.
167389	26-6-1986	—Do.—	Apparatus suitable for solids-fluid separation.
149184	14-11-1979	Shroff Pillappa Venkatasubbiah, No. 12, Thimmaraya Setty Lane, Nagarthapot Cross, Bangalore 560 002, Karnataka.	An apparatus for discharging liquid in measured quantity

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165138	13-6-1985	Sobrevin Societe De Brevets Industries-Etablissement, Altenbach, 1, FI-9490 Vaduz, Liechtenstein.	Thread storage & feed device.
165816	29-11-1985	—Do.—	A device for delivering continuous threads.
167257	28-7-1986	—Do.—	A yarn delivery device.
153625	21-1-1980	Societe D' Etudes De Machines, Thermiques (S.E.M.T.) 2 Quai de Seine 93202, Saint Denish, France.	Cam control device for a four-stroke internal combustion engine.
154379	23-5-1980	—Do.—	Improvements in or relating to a fuel-injection pump of internal combustion engine.
165190	6-12-1985	Societe D'Etudes De Machines, Thermiques, S.E.M.T. of 2 Quai de Seine, 93202, Saint Denis, France.	Piston for use in an internal combustion engine.
157868	12-4-1982	—Do.—	A fuel injection pump for an internal combustion engine.
158573	31-8-1982	—Do.—	Improvements in or relating to internal combustion engine.
162523	11-12-1984	Societe Nationale Des Poudres Et Explosifs 12, Quai Henri IV, 75181 Paris Cedex 04, France.	Device for inhibiting the end faces of a block of propellant.
166093	5-2-1986	—Do.—	Apparatus for the manufacture of one or more blocks of propellant by casting.
167024	27-5-1986	—Do.—	Pyrotechnic igniter for shells.
160451	20-12-1983	Societe Industrielle De Mecanique De Precision Aeronautique 11 Chemin de Malapare 31400, Toulouse, France.	A warhead for a missile
159752	6-9-1983	Societe Nationale Industrielle Aerospatiale 37 Boulevard de Montmorency Paris, France.	A safety device for maneuvering an aircraft between a landing and take off area and a garage area on the deck of a ship.
168540	12-3-1984	—Do.—	Balance for a multi blade propeller in particular the propeller of a tail rotor of a rotorcraft and process for manufacturing said blade.
158058	17-6-1982	Sony Corporation, at 7-35, Kitashinagowa, 6-chome, Shinagawa-ku, Tokyo, Japan.	Video tape cassette.
161829	14-11-1984	Stein Industrie, of 19-21, Avenue Morane Saulnier, 73140, Velizy Villacoublay, France.	Heat exchanger having vertical tubes forming parallel loops and interlocking means for interlocking adjacent vertical tubes.
162294	14-11-1984	—Do.—	A device for Suspending a bundle of horizontal tubes in a vertical plane.
162680	29-5-1985	—Do.—	A heat exchanger panel.
168679	29-5-1985	—Do.—	A centrifuging mixture separator.
168873	3-3-1987	—Do.—	A device for fixing a perforated sheet against the perforated tube plate of a heat exchanger.

1	2	3	4
166231	25-9-1985	Sturm Ruger & Company Inc. Lacey Place, Southport, Connecticut, U.S.A.	An improved semi-automatic pistol.
166232	25-9-1985	—Do.—	A pistol with a novel magazine latch operating arrangement.
166233	25-9-1985	—Do.—	An improved semi-automatic pistol.
166234	25-9-1985	—Do.—	An improved handgun.
166235	25-9-1985	—Do.—	A handgun having a novel handle
160497	22-4-1981	Tecumseh Products Company, 100 East Pattern Street, Tecumseh, Michigan 49286, U.S.A.	Hermetic motor compressor.
159642	22-4-1981	—Do.—	Hermetic motor compressor.
161654	12-7-1984	The Charles Stark Draper Laboratory Inc. of 555 Technology Square, Cambridge, Massachusetts, 02139, U.S.A.	A device for joining the seams of a multi-layer limp fabric workpile
153554	8-1-1980	The Goodyear Tire & Rubber Company 1144 East Market Street, Akron, Ohio, USA.	A heavy truck tire.
163017	14-8-1985	The Indian Space Research Organisation F-Block, Canvery Bhavan, District Office Road, Bangalore, Karnataka.	An electro-optical instrument to measure agronomical parameters.
153872	25-9-1981	—Do.—	A method and machine for continuously producing fibre reinforced plastics structural sections of uniform cross sections
165515	19-2-1986	12T-Societe Ivoirienne De Technologie, Tropicale, of B.P. 1137-Abidjion 04-Ivory coast.	Low power gas generator intended for use with coconut waste or hevea wood.
169212	16-2-1987	Tsung-Hsien, of No. 5, Alley 57, Lane 158, Mi Tou, Road, Cha-Yi City, Taiwan, Republic of China.	An improved refuse incineration system for generating high pressure superheated steam.
148455	16-6-1979	Tube Investments Of India Limited, 28, North Beach Road, Madras 600 001, India.	A device for converting a bicycle into a prime mover.
148573	6-1-1979	Tube Investments of India Limited, TIAM HOUSE, 28, Rajaji Road, Madras 600 001.	A weighing device.
149616	19-7-1979	—Do.—	A pump for being driven by a bicycle.
156230	12-2-1982	—Do.—	An adjustable handle bar for a bicycle
156708	27-5-1982	—Do.—	A shock absorber for the front wheel of a bicycle.
158018	18-1-1983	—Do.—	A seat shock absorber for two wheeled vehicle.
164492	26-3-1985	Unisearch Limited, 221 Anzac Parade, Kensington, NSW 2033, Australia.	A solar cell and method of manufacturing the same
163545	19-12-1984	Unistrut International Corporation, 777 East Eisenhower Parkway, Suite 600, Ann Arbor, Michigan 48108, U.S.A.	A fastener for affixing parts to a channelled structural member.
167427	20-5-1988	Vijay Ambubhai Sheth, Yellow Building, Lajpatrai Ward, Town, of Gondia-441614, State of Maharashtra, India.	A method of manufacturing a tool bit for drilling holes having square and higher polygonal cross sections.
158207	6-9-1984	Vijay Govind Gokhale, of M/s. Bombay Chemical Ltd., 129 M.G. Road, Bombay-400 023.	A prefabricated composite door or window frame.
164466	31-5-1985	Worldwide Solar Group (Australia) Pty. Ltd. 84, Norma Road, Myaroo, Western Australia.	Solar collector.

CHEM. ENGG. LIST NO. III

COMMERCIAL WORKING OF PATENTED INVENTIONS

The following patents in the field of Chemical Engineering Industry are not being commercially worked in India as admitted by Patentees in the statements filed by them under section 146(2) of the Patents Act, 1970 in respect of calendar year 1992 generally on account of want of request for licences to work the patented invention. Persons who are interested to work the said patents commercially may contact the patentees for the grant of a license for the purpose.

Patent No.	Date of Patent	Name and Address of the Patentee	Title of the invention.
1	2	3	4
166309	02-07-1987	Ahmedabad Textile Industry Research Association of 1660 PD Polytechnic Ahmedabad-380015. Gujarat India.	Process for the preparation of hydroxyaryl Others of polysaccharides.
159673	07-02-1983	Albright & Wilson Limited Albright & Wilson House, Hagley Road West, Oldbury, Worley West Midlands, England.	Method for the preparation of pourable Non-sedimenting a quous based detergent compositions.
164320	07-02-1983	Albright & Wilson Ltd. of Albright Wilson House West, Oldbury, Warley, England.	Durable non-Sedimenting aqueous based WQ2-Midlands Detergent, Compositions.
166861	05-08-1986	Albright & Wilson Ltd. Albright Wilson House Hagley Road West, Oldbury & Worley West Midlands, England	A Water treatment additive composition.
163940	19-12-1984	Alcan International Ltd, 1188 Sherbrooke Street, West Montreal, Quebec Canada H3A3G2.	An improved surface coating composition & a process for preparing the same.
163941	19-12-1984	Alcan International Ltd. Do.	Improved surface coating compositions.
164286	10-04-1985	Alcan International Ltd. Do.	A method of tanning animal skins & hides.
166522	30-10-1985	Alcan International Limited 1188 Sher Brooke Street West Montreal Quebec, Canada.	A method of manufacturing structure with components formed from aluminium sheet.
165783	19-09-1985	Alexander I. Kalina, Of 105, Glen Garry, Way Hills borough, Colifornia-94010, USA.	Apparatus for generating energy using a multi component working fluid.
163215	17-05-1984	Asarco Incorporated 120 Broadway, New York U.S.A.	Method for the electrolytic refining of copper using thiourea as addition agent.
164522	11-06-1985	Asarco Incorporated of 180 Maiden Lane, New Your, State of New York, USA.	Gas burner.
165956	17-01-1986	BICC Public Limited Co, Bloomsbury Street London WC1B 3 QN England.	Cross-linkable polymer compositions for extrusion especially for wire & cable coverings.
162699	25-02-1986	Board of Regents, the University of Texas System, 201 West 7th Street, Austin, Texas 78701, USA.	Method for preparing a Complementary polypeptide.
169196	01-01-1987	BPD Industries Public Ltd Company, of Langley park House, UX bridge Road, slough, SL3 6PO England.	A method and apparatus for calcining calcium Sulphate dinydrate or Gyp-sum.
162093	30-10-1984	BP Chemicals Limited Belgrave House, 76 Buckingham-Palace Road, London-SWIWOSU, England.	A liquid phase process for the cationic Polymerization of 1-olefins.
164803	17-07-1985	BP Chemicals Limited Belgrave House, 76 Buckingham, Palace Road, London-SWIWOSU, England.	A thermoformable & crosslinkable thermoplastic polymeric composition & process for making the same.
165767	18-12-1985	BP Chemicals Limited Do.	A composition based on ethylene polymer suitable for the manufacture.

1	2	3	4
165770	13-12-1985	BP Chemicals Limited of Begrave House 76, Buckingham Palace Road, London SW1W, OSU, England.	Gas fluidized bed process for the production of Copolymers.
165802	17-07-1985	BP Chemicals Limited Do.	A cross linkable composition & process for preparing the same.
166651	19-09-1985	BP Chemicals Limited Do.	Process for the polymerisation of ethylene or copolymerisation of ethylene & alphaolefin in a fluidised bed in the presence of a chromium based catalyst.
166754	03-12-1985	BP Chemicals Limited Do.	An improved process for Polymerisation or Copolymerisation of ethylene and at least one other alphaolefin in the gas phase in the presence of a catalyst based on chromium oxide.
166822	18-11-1985	BP Chemicals Limited Do.	Method of manufacturing a supported catalyst in the copolymerisation of ethylene in gas phase.
167510	29-07-1986	BP Chemicals Limited Do.	A process for the polymerisation of alphaolefins using a ziegler-natta catalyst & two organometallic compounds.
167767	07-07-1987	BP Chemicals Limited Do.	A polymeric composition suitable for use as electrical insulation in process for preparing the same & an electric wire or cable comprising an insulation made of said polymeric composition.
149104	15-05-1979	Hindustan Lever Ltd, of Hindustan Lever House 165/166 Backbay Reclamation, Bombay-400020 Maharashtra, India.	An improved method for the production of glycerol by fermentation.
149583	10-07-1979	Hindustan Lever Ltd. Do.	A method of extracting n-paraffins (Maz) from mineral oil containing n-paraffin.
149734	26-02-1979	Hindustan Lever Ltd. Do.	Process for preparation of synthetic fatty acid soap from paraffins.
150018	27-11-1979	Hindustan Lever Ltd. Do.	A process for making an improved dimensionally stable detergent bar.
150029	27-11-1979	Hindustan Lever Ltd. Do.	A process for making an improved dimensionally stable detergent bar.
150204	24-07-1980	Hindustan Lever Ltd. Do.	A process for making plant growth nutrient/stimulant.
150729	19-09-1979	Hindustan Lever Ltd. Bombay	High internal phase water in-oil emulsions and process for preparing same.
151014	21-06-1979	Hindustan Lever Ltd. Do.	A process for obtaining Basic aluminium halide such as chloride bromide, or iodide having improved antiperoxidant properties.
168170	14-07-1987	BP Chemicals Limited of Begrave House 76, Buckingham Palace Road London SW1W-OSU England.	A process for preparing an olefin polymerisation Catalyst.
169547	29-11-1987	BP Chemicals Limited.	A process for the production of an additive concentrate suitable for incorporation into finished lubrication oil composition.
151709	05-05-1982	Carborandum Universal Limited, 28 Rajaji Salai Madras-600001.	A method for manufacturing calcium silicon alloy.

1	2	3	4
159460	19-04-1983	Centre Stephanois De Recherches Mechaniques Hydro Mecanique Et Frottement Rue Benoit Fourneyron, Andrezie-Ux Bouthéon, Loirs France.	A process for treating ferrous metal parts containing free or combined sulphur in their surface layers.
163415	18-03-1985	Centre Stephanois De Reche.	Process for manufacture of ferrous metal parts having improved corrosion resistance.
166418	19-07-1984	CIBA-GEIGY AG, Klybeckstrasse, 141, noodz, Basic Switzerland.	Process for making micro organism resistant organic or inorganic substrates.
160920	31-09-1981	CIBA GEIGY AG Klybackstrasse 141, 4002 Basle Switzerland.	Process for the preparation of aluminium or Zinc Phthalocyanine compounds.
161181	21-04-1984	CIBA GEIGY AG Do.	Process for dyeing a silk or Silk containing Fibre blends.
161351	11-04-1984	CIBA-GEIGY AG Do.	Process for dyeing silk or fibre blends contain- ing silk.
167366	6-07-1984	CIBA GEIGY AG Do.	Process for the production of benzanthracene.
167052	17-04-1986	CIBA-GEIGY AG of K14 beckstrasse 141 4002 Basle Switzerland.	A process for the manufacture of an oph- thalmic comfort drop solution for contact lens wearers.
168075	12-8-1986	CIBA-GEIGY AG of Kly be CK Strasse 141, 4002 Basle Switzerland.	A process for the manufacture of a cross- linked Polymeric hydrogel.
167580	24-10-1988	Cogent Ltd of Temple, Court, 11 Queen VICTORIA STREET LONDON ECHIN 4 TP, England.	Process and apparatus for producing Hypo- bramons acid.
163756	22-7-1986	Danippan Ink K Chemicals Inc. 35-58-3- chome Sakashita Itabashi-ku Tokyo Japan.	Method of producing deodorants.
168356	4-11-1986	Degrement of 183, Avenue D4-18, Juin 1940 92508 Rueil-M anlaison Cedex, France.	A reactor for treating liquid effluent.
168144	01-04-1988	Detia Freybeng GMBH, of 6947 Laydeybach Bengstrasse Federal Republic of Germany.	A method for producing a Controlled Gas release encapsulated pest control agent.
168023	2-9-1986	Dresser U.K. Ltd England.	An Electro-prociyitator Collector Electrode System.
160123	18-07-1984	Dr Werner Freyberg Chemische Fabrik Del- itia Nachf of 6941, Loudenbach Federal Republic of Germany.	An applicator for use in pest control.
162099	26-6-1985	Societe Nationale Des Poudres Et Explosits of 12 Quai Heuri-IV, 75181, Paris Cedex 04 France.	A process for producing a polymer with ethylenic unsaturations incorporating silylmetallacene.
162855	14-2-1985	Societe Nationale Dex Poudres Et Explosits.	Process for preparing carbamic acid deri- vatives.
153422	5-12-1979	Societe Nationale Des Poudres Et Explosits.	Combustible objects in panluralas combu- stable catridge cases which are heat resistant to self ignition.
166668	2-9-1986	Societe Nationale Des Poudres Et Explosits.	A Propellant Composition.
167891	31-3-1986	Societe Nationale Des Poudres Et Explosits.	Process for the manufacture of polymers which conduct electric current from poly- mers containing ethylenic unsaturations.

1	2	3	4
164758	11-7-1985	Specialised Polyurethane Applications Pty Ltd of 5 st Thomas Street Waverlye New-South Wales 2024. Australia.	Borehole plug for a borehole for placing explosives therein.
159598	22-7-1981	Stanicarbon B V P.O. Box 10, 6160 MC Geleen the Netherlands.	Process for the preparation of copolymers of ethylene with at least one other 1-alkene.
162564	14-11-1984	Stamicarbon B.V. PO Box 10, 6160 MC Geleen the Netherlands.	Process for preparing a printed rubber.
164794	1-5-1985	Stamicarbon B.V PO Box 10, 6160 MC Geleen the Netherlands.	Process for the preparation of polytetramethylene adipanide.
166332	10-09-1985	Stami Car-bou-B.V. of PO Box 10, 6160, MC Geleen the Netherlands.	Process for the continuous preparation of homogeneous solutions of high-molecular weight polymers.
167804	5-8-1986	Stamicarbon B.V.	Process for the preparation of polyvinyl alcohol articles of high strength & Modulus
169407	27-04-1987	Stamicarbon B.V. of PO Box 10, 6160, MC Geleen, the Netherlands.	Process of preparing virtually cadmium free calcium Sulphate from Cadmium contains Phosphate rock.
169409	28-4-1987	Stamicarbon B.V.	An improved method for the removal of cadmium from acid phosphate containing aqueous medium.
164006	8-8-1985	Stein Industrie of 19-21 avenue norane, Saulnier, 78140, Velizy, Villacoublay-Franco.	Ignition and combustion supporting burner for pulverized solid Fossil fuel.
165805	10-12-1985	Stein Industries France.	Duct for conveying smoke filled with fine ash particles and having heat exchangers and protective device for protecting the heat exchangers.
167883	26-8-1986	Sumitomo Chemical Co Ltd No 15, Kitahama S-Chome Higashir Ku Osaka Shi Osaka Japan.	An improved process for preparing N-alkylaminophenols.
168857	24-11-1980	Sumitomo Metal Industries Ltd of 15, Kitahana 5 Chome Higashi-KU Osana Japan.	An apparatus for controlling stirring strength of a jet of oxygen gas and the flow rate of the oxygen gas blown onto a molten methol bath in a top-blowing oxygen furnace.
163726	23-12-1985	Tofa Engineering & Locomotive Company Limited of Bombay- Housed 24 Homimody Street Bombay-400023 Maharashtra India.	A method for the manufacture of compacted or vermicular graphite (CG) Castiron.
163755	15-7-1986	Teikoku Hormone MFG CO Ltd. of 5-1-Z-Chone Akasaka Minato-Ku Tokyo Japan.	Process for producing N-C3- 3-(1-Piparidinymethyl)-Phenoxy propyl Acetoxyacetamide hydrochloride.
168745	24-12-1986	Henkel Kommanditgesell-Schaft AUF Aktien of Heykeistrasse-67, 4000 Dusseldorf-Holth-04sen, Federal Republic of Germany.	A process for preparing sulfited fats.
159243	21-01-1984	Henkel Kommanditgesch-Schaft, AUe Aktien, of Henkelstrasse 67, 4000, Dusseldorf-HO1-thousan, Federal Republic of Germany.	A spray dryer.
160591	31-03-1984	Graulite Ltd, of Millbuck House, Corporate Street, Rugbu, CUZ1, 2DW, England.	A process for the manufacture of building materials.
168036	08-09-1986	Formica Corporation, at 155, RT, 46, West, Wayne, New Jersey, 07470, USA.	A process for producing a Castable thermosetting resin.

1	2	3	4
165836	1-10-1985	Exxon Research & Engineering Company.	A method for producing dispersion Strengthened composite metal powders.
164842	29-10-1982	Exxon Research & Engineering Company	—Process for the preparation of a textiary amino-acid.
161503	10-10-1984	Exxon Research Engineering Company at zoo park Avenue, Florhaun Park, New Jersey USA.	A method of Purifying N-Methyl-2- Pyrrolidue Solvent.
159835	12-5-1983	Exxon Research and Engineering Co.	A process for treating a gaseous stream containing CO ₂ to remove said CO ₂ .
153466	19-12-1979	Exxon Research and Engineering Comapny 200 Park Avenue, Florham Park New Jersey, USA.	A process for preparing supported Nickel-Cobalt-Silica Coprecipitated catalyst.
162202	21-01-1986	ECO TEC Ltd. of 925, Brock Road, South, Pickering cutatic, Canada-LIW-Zx9.	Fluid treatment Process and apparatus.
167198	12-04-1988	Viral Technologies Inc of 777, 14th Street, N.W. Washington, D.C-20005, USA.	Method of peptide producing a. peptide.
162031	04-03-1986	Vijay Govind Gokhale, of M/S Bombay, Chemicals Ltd. 129, MG. Road, Bombay-400233, Maharashtra, India.	A Protective fibreglass support device for a burning type mosquito repellent Coil.
170293	03-11-1987	Union Carbide Corporation, USA.	An improved heterogenory vapor phose process for producing an alcohol.
170158	07-07-1989	Union Carbide Corporation, USA.	A continuous process for dimerizing ethylene to produce butene-1 in a fluidized bed.
169161	02-01-1987	Union Carbide Corporation, USA.	A thermo plastic polymeric Composition useful in the preparation of orthopedic/ orthotic Splints.
168034	04-09-1986	Union Carbide Corpn., USA.	A hydro formylation process for producing aldehydes.
168017	04-09-1986	Union Carbide Corpn., USA.	A process for producing aldehydes by hydrofermentation.
167148	27-03-1986	Union Carbide Corpn., USA.	An aqueous organic polymer (out onining Corrosion in hibiting metal Quenching Composition.
167041	23-3-1983	Union Carbide Corpn.,	A method for producing polymers by polymerizing one or more organic monomers.
166865	10-3-1986	Union Carbide Corpn., USA.	Process for simultaneously dimerizing ethylene and Copolymerizing ethylene with the dimerized product.
166934	22-1-1986	Union Carbide Corpn.	A Process for producing aldehydes from oletins by hydroformylation.
163428	28-12-1984	Union Carbide Corpn.	A process for producing Cntl alcohols.
163427	28-12-1984	Union Carbide Corpn.	A process for the selective production of linear Primary alcohols having 1 to 5 carbonatoms.
161446	27-6-1984	Union Carbide Corpn.	An improved process & apparatus for extruding with a reduced sustase melt feacture a molten marrow, h; eci; or weogjt dostrobitors; omear etju; eme polymer.
160918	10-7-1984	Union Carbide Corpn.	An olelion polymerization catalyst & process for preparing the catalyst.

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160793	23-12-1981	Union Carbide Corpn.	Process for preparing a treated precursor composition suitable as a component of a catalyst composition capable of producing high density ethylene homopolymers and copolymers under a pressure of less than 1000 PSI with low accompanying ethylene hydrogenation.
160137	28-3-1984	Union Carbide Corpn. 270 Park Avenue, New York, State of New York-10017, U.S.A.	A continuous process for the preparation of low density low modules ethylene copolymers in a fluidized bed.
164392	07-03-1985	Unie Vay Kunstmestfabrieken B.V. 9 Dutch Company, of PO Box 43, 3500, AA, Utrecht the Netherlands.	Process for the preparation of Iker.
162235	27-8-1984	Unie Van Kunatmest Fabrieken B.V	Process for the preparation of Granules.
162234	27-8-1984	Unie Van Kunstmest-Fabrieken B.V. PO Box-43, 3500 AA Utracht, the Netherlands.	Process for the preparation of granules.
168591	30-07-1986	UHDE GmbH, of Friedrich-Uhde-Str. 15, 4600, Bortmund, Federal Republic of Germany	Apparatus for the production of Synthesis gas.
159510	08-03-1982	The United Planters Association of Southern India, of Gleniview PB No 11 Ocuoot 643101 (Nilgiris) India.	Process for preparing Subsoil of Latosol Origin Suitable for use in rooting compositions.
167751	25-02-1986	The M.W. Kellogg Company of Three Green Way Plazo East, Houston, Texas 77046, USA	Hydrotreating reactor for hydrocareating hydrocarbons.
167010	21-07-1986	The M.W. Kellogg Company 9 Delaware Corporation or of Three Greenwa 4 Plaza East Houston, Texas 77046, ISA.	A process for steam cracking Hydrocarbons.
165953	24-1-1986	The M.W. Kelley Company.	A method for production of a cambustion gas having low suffer content from sulfur containing fuel for use in the manufacture of high pressure steam.
164806	23-8-1985	The M.W. Kelleg Company Three Greenway Plaza Houston, Texas 77046, U.S.A.	Process for producing ammonia in a Synthesis.
159764	5-8-1983	The M.W. Killogg Company Three Greenway Plaza East Honston, Texas-77046, U.S.A.	Process for the production of ammonia synthesis gas.
167910	30-09-1987	The Indian Space Research Organisation, Department of Space F Block, Convery Bhavan, District Office, Road Bangalore-560009 Karnataka.	A Process for preparing a front or rear surface electrically conducting silver-reflector having, improved Optical and durability Properties and the reflector so prepared.
153437	18-9-1981	The Indian Space Research Organisation.	A process for production of fire-returdant rigid Polymethane foam.
165240	27-10-1986	The Indian Space Research Organisation.	An improved process for preparing metal coated dielective substrates & metal coated substitutes thereof.
149900	11-7-1980	The Indian Space Research Organisation.	A process for the production of polyhydroxyester resins.
149126	21-2-1980	The Indian Space Research Organisation 'F' Block Convery Bhavan District Office Road Bangalore-560007 Karnataka State.	An improved process for producing polyols.
165718	08-09-1987	Teikoku Hormone Mfg Ltd S-1, 2-Chome, Akasaka, Minato-ku, Tokyo, Japan.	A process for producing pyridazinone derivative.

1	2	3	4
157506	28-12-1981	The British Petroleum Company Limited. Britannic House, Moor Lane, London EC2Y 9 BV, England.	A process for producing the crystalline alu- minesilicates.
160307	17-03-1984	The British Petroleum Company, P.L.C, of Britannic House, Moor Lane, London, EC ZY, 9 BV, England.	Improved Catalysts for use in ammonia production.
160958	07-5-1985	The British Petroleum Company Plc.	Process for the conversion of a mixed ali- phatic hydrocarbon feed stock into liquid products.
162859	28-12-1981	The British Petroleum Company Limited.	A hydrocarbon conversion process compri- sing reacting hydrocarbon in the presence of a novel crystalline aluminosilicates catalysts.
158674	21-12-1982	The Goodyear Tire & Rubber Company of 1144, East Market, Street, Akron, Ohio-44316, 0001, USA.	A process for the purification of a gas stream.
160827	6-1-1984	The Goodyear Tire & Rubber Company	A process for the modification of a halone- thylated latex.
160959	26-2-1985	The Goodyear Tire & Rubber Company at, 1144, East Market Street, Akron, Ohio-44316-0001, USA.	A process for preparing a Carboxyl termi- nated polyester.
161877	23-1-1985	The Goodyear Tire & Rubber Company.	A process for the aqueous emulsion Poly- merization of functionalized monomers.
163901	17-7-1985	The Goodyear Tire & Rubber Company 1144 East Market Street Akron, Ohio- 44316-0001, U.S.A.	A process for solid state polymerizing of a polyester prepolymer.
166663	9-7-1986	The Goodyear Tire & Rubber Company.	A process for making a self-emulsifiable resin powder.
167972	02-07-1986	The Goodyear Tire & Rubber Company, USA.	Silicone-Containing network polymer.
168535	11-06-1987	The Goodyear Tire & Rubber Company, of 1144 East Market Street, Akron, Ohio-44316-0001, USA.	A process for preparing a vulcanizing agent for natural and Synthetic rubbers.
169380	7-1-1986	The Goodyear Tire & Rubber Company, USA.	Method of manufacturing partially crys- talline Polyester articles.
169503	7-01-1986	The Goodyear Tire & Rubber Company, USA.	Method of manufacturing an amorphous thermally Stable Polyolefin modified poly- ethyleneterephthalate sheet.
148180	15-1-1979	Hindustan Lever Ltd.	Process for the preparation of alkyl benzene- hemono, sulphonic acid.
148996	24-4-1979	Hindustan Lever Ltd.	Synergistic Compositions for promoting hair growth.
51317	29-1-1981	Hindustan Lever Ltd.	Process for the manufacture of water soluble alkali metal salts of α -Sulpho-nated alkyl esters of long chain fatty acids.
51322	18-1-1980	Hindustan Lever Ltd.	Liquid dirty dishwashing liquid detergent compositions.
51416	16-10-1979	Hindustan Lever Ltd., Bombay	A Process for preparing Soap Powder for- mulations.
51711	6-7-1981	Hindustan Lever Ltd.	A process for preparing hardened and de- hydro-xylated ester fatty acid feed stock.

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151862	26-7-1982	Hindustan Lever Ltd., Bombay.	A method for the preparation of precipitated silican in powder form suitable for use in dental preparations such as transparent/translucent tooth-pastes.
152715	04-9-1981	Hindustan Lever Ltd.	A method for preparing non-edible dehydrated short chain (C1 to 4) esters of hardened castor acids for use in soap making, lubricants and paints.
153988	06-8-1980	Hindustan Lever Ltd.	Synergistic deodorant Compositions.
153989	06-8-1980	Hindustan Lever Ltd.	Synergistic deodorant composition.
153990	04-9-1981	Hindustan Lever Ltd.	Method of deoiling of slack waxes and the deoiled slack wax obtained thereby.
153991	15-9-1980	Hindustan Lever Ltd.	A synergistic liquid dishwashing detergent composition for washing plates, dishes and saucepans.
153992	17-3-1982	Hindustan Lever Ltd.	Method of upgrading linalyl acetate by removing chlorine from impurities.
154705	12-1-1981	Hindustan Lever Ltd., 165-166, Backbay Reclamation, Bombay-400020, Maharashtra, India.	A process for preparing spray-dried detergent powders and detergent powders so prepared.
154776	7-2-1981	Hindustan Lever Ltd.	Process for the manufacture of calcium soap.
154777	7-2-1981	Hindustan Lever Ltd.	A process for the preparation of an alkali metal of an organic carboxylic acid.
155041	9-4-1981	Hindustan Lever Ltd.	A detergent bar housing habite material for washing in ultraviolet light.
155044	5-9-1981	Hindustan Lever Ltd.	A method of manufacturing built detergent bars of improved hardness.
155045	5-9-1981	Hindustan Lever Ltd.	A method of manufacturing built detergent bars of improved hardness.
155073	17-3-1982	Hindustan Lever Ltd.	Detergent bars having improved resistance to sogginess and reduced rate of wear.
155097	17-6-1981	Hindustan Lever Ltd.	Particulate Soap-based detergent composition.
155099	17-3-1982	Hindustan Lever Ltd.	A process for the preparation of acyloxy-methyl derivative capable of being used as performery components from hydrocarbon by product.
155244	18-11-1982	Hindustan Lever Ltd.	A process of making soap.
155758	10-9-1981	Hindustan Lever Ltd.	A high internal phase water-in-Oil emulsion and a process for preparing the same
156181	21-12-1982	Hindustan Lever Ltd.	A bleaching composition comprising a peroxide Compound and a heavy metal compound.
156193	29-5-1982	Hindustan Lever Ltd.	A process for the preparation of alkali metal Isethionates from ethionic acid.
156223	02-09-83	Hindustan Lever Ltd., Bombay	A method for the regeneration and reuse of spent adsorbent beds of a series of adsorption beds in the process of refining fats.

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156224	02-9-83	Hindustan Lever Ltd., Bombay.	A process for the preparation of spent adsorbent used for refining fatty material.
156361	02-09-83	Hindustan Lever Ltd., Bombay.	An improved process for preparing adsorbent refractory oxides for use in refining fatty materials.
156362	2-9-1983	Hindustan Lever Ltd.	Process for regenerating conventional spent adsorbent used for refining fatty material.
156363	11-8-1982	Hindustan Lever Ltd.	Manufacture of acyl isothionates.
156389	26-7-1982	Hindustan Lever Ltd.	A synergistic detergent composition.
156577	24-7-1982	Hindustan Lever Ltd.	A synergistic detergent compositions.
156579	26-7-1982	Hindustan Lever Ltd.	A process for preparing detergent active sulphosuccinate compounds.
157133	25-3-1983	Hindustan Lever Ltd.	An improved process for preparing superfatted Soap bars having improved properties such as improved lather and reduced rough properties from conventional raw materials and soap thereby obtained.
157134	25-3-1983	Hindustan Lever Ltd.	An improved method of subjecting a soap containing material to hardening process to obtain hard soap bar and soap bars obtained thereby.
157135	25-3-1983	Hindustan Lever Ltd.	An improved process for processing soap feedstocks to provide soap bars having reduced grittiness and soap bars obtained thereby.
157137	25-3-1983	Hindustan Lever Ltd.	An improved process for preparing soap bars having increased transparency and soap bars thereby obtained.
157143	5-5-1983	Hindustan Lever Ltd.	Process for the preparation of Nickel upon transistor alumina catalysts.
157274	25-3-1983	Hindustan Lever Ltd.	An improved process for preparing soap bars having modified phases and soap bars obtained thereby.
157420	9-3-1984	Hindustan Lever Ltd.	Improved peroxide adduct containing bleach compositions.
157422	17-06-1983	Hindustan Lever Ltd., Bombay	Process for the preparation of amorphous Hydrated sodium aluminosilicates.
157579	11-04-84	Hindustan Lever Ltd., Bombay	Method for preparing a heterogeneous highly active silica supported nickel catalysts
158153	19-7-1984	Hindustan Lever Ltd.	An improved method of manufacturing detergent bar having uniform properties.
158157	10-11-1983	Hindustan Lever Ltd.	A liquid detergent composition having high foaming characteristics.
158159	10-11-1983	Hindustan Lever Ltd.	A liquid detergent composition having high foaming characteristics.
158201	11-6-1984	Hindustan Lever Ltd.	An improved process for the preparation of carboxyalkyl derivatives of polygalactomannans.
158390	18-8-1983	Hindustan Lever Ltd.	A liquid scouring cleanser composition.
158632	10-11-1983	Hindustan Lever Ltd.	A liquid detergent composition having improved foaming characteristics

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170625	22-05-1987	Shell Internationale Research Maatschappij B.V. The Netherlands.	Process for the preparation of polymers.
169889	20-10-1987	Do.	Improved Catalyst Compositions for use in the production of ethylene Oxide.
169344	25-03-1987	Shell Internationale Research Maatschappij, BV, Netherlands Company of Carel van, Bylandtlaan 30, The Hague, Holland.	An apparatus for contacting particulate solids with a fluid.
169202	30-01-1987	Shell Internationale Research, Holland.	Apparatus for containing gas, liquid, and solid particles.
169268	26-11-1986	Shell Internationale Research Maatschappij B.V. The Netherlands	Process for the preparation of linear alternatives Copolymers of Carbon mono- xide and ethylene.
168884	23-01-1987	Shell Internationale, Holland.	Apparatus for solids fluid separation.
168775	25-11-1986	Shell Internationale Research Holland.	Process for catalytic dewaxing of refinery derived lubricating base oil precursor.
168749	19-01-1987	Shell Internationale, Research Holland.	An apparatus for contacting gas and liquid.
168743	07-10-1986	Do.	A process for producing a hydrogen-contain- ing gas.
168472	05-08-1986	Do.	Process for producing an H ₂ S free gaseous stream from a H ₂ S containing sour gaseous stream.
168471	29-07-1986	Do.	Process for producing H ₂ S free gas from H ₂ S containing sour industrial.
168306	16-02-1987	Shell Internationale Research Maatschappij. B.V. The Netherlands.	Process for preparation of Copolymers.
168064	30-07-1986	Shell Internationale Research Maatschappij B.V. The Netherlands.	Melt-Spinable for meltblowable Copolymer Composition and fibres wherever melt-spun or melt-blown therefrom.
167994	25-06-1986	Shell Internationale-Research Maatschappij, B.V. The Netherlands.	Process for the anionic polymerization of monomers.
167902	29-07-1986	Shell Internationale Research, Holland.	A process for the preparation of synthesis gas from a gaseous or liquid hydrocarbon- containing feed.
167892	06-05-1986	Shell Internationale Research Maatschappij B.V. of Carel van Bylandtlaan 30, 2596 HR The Hague, The Netherlands.	Process for producing hydrocarbon-contain- ing liquid from biomars.
167917	20-10-1986	Shell Internationale Research Maatschappij B.V.	Process for the preparation of copolymers of carbon monoxide, ethene X electically unsaturated hydrocarbons.
167707	06-11-1986	Shell Internationale Research, Holland.	A method for the preparation of a Catalyst suitable for the preparation of hydro carbons
167590	06-09-1984	Shell Internationale Research Maatschappij, B.V. of Carel van Bylandtlaan 30, 2596, HR, The Hague, The Netherlands.	A process for the catalytic Polymerization of an olefin.
167586	05-11-1986	Shell Internationale Research Maatschappij, B.V.	A process for purifying copolymers.

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67440	30-06-1986	Shell Internationale Research Holland.	Multitybe reactor for carrying out a process for catalytic conversion of a gas or a liquid.
67283	20-06-1986	Shell Internationale Research Maatschappij B.V.	An improved gasoline composition for use in spark-ignition engines.
67260	25-04-1984	Shell Internationale Research Maatschappij B.V.	A process for the preparation of hydrocarbons by catalytic reaction of carbon monoxide with hydrogen.
66813	27-12-1985	Shell Internationale Research Maatschappij B.V.	A process for the preparation of heavy liquid hydrocarbons boiling above 360°C by catalytic reduction of carbon monoxide with hydrogen.
66642	15-03-1984	Shell Internationale Research Maatschappij B.V.	An oil composition containing a pour point depressant.
66496	03-12-1985	Shell Internationale Research Maatschappij B.V.	Process for producing a substantially H ₂ S free gas from a sour gaseous stream such as naturally occurring gases, synthesis gases, process gases X Fuel gases.
166314	11-08-1986	Shell International Research Maatschappij B.V.	Process for preparing novel copolymers of carbon monoxide, ethene ZX another olefinically unsaturated hydrocarbons.
165968	08-10-1985	Do.	Process for the production of synthesis gas with an increased H ₂ /CO-ratio from hydrocarbons.
165809	18-12-1985	Shell International Research Maatschappij B.V. Carel Van Bylandtlaan 30, 2596 HR The Hague, The Netherlands.	Process for the preparation of degraded modified C3-CB monolefin homopolymer or copolymers.
165776	20-08-1985	Shell Internationale Research Maatschappij B.V.	Process for the preparation of hydrocarbons by catalytic reaction of carbon monoxide and hydrogen.
165407	16-07-1985	Do.	A process for producing synthesis gas of increased H ₂ /CO ratio.
165306	07-08-1985	Do.	A process for obtaining a sweet gaseous stream free of hydrogen sulphide.
165116	03-07-1985	Do.	A process for the preparation of activated catalyst.
164493	27-03-1985	Do.	Process for the preparation of linear C10-C20 olefins.
164465	13-06-1985	Do.	Process for the preparation of hydrocarbons.
164406	27-03-1985	Do.	A process for the preparation of high viscosity index lubricating oil.
164153	08-02-1985	Do.	Process for the preparation of hydrocarbons.
163585	06-09-1984	Do.	A process for producing olefin polymerization precatalyst.
163547	27-12-1984	Do.	A process for preparation of an activated catalyst.
163184	21-03-1985	Do.	Process for the preparation of polymers of conjugated dienes and optionally monoalkenyl aromatic hydrocarbons.

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162460	20-02-1985	Do.	Process for the polymerization of an alpha mono-olefin.
160912	25-04-1984	Do.	A process for the preparation of a catalyst suitable for the conversion of carbon monoxide X hydrogen into hydrocarbons.
160759	13-03-1985	Do.	Process for preparing high activity free flowing olefin polymerization solid catalyst composition.
159456	02-03-1983	Do.	Process for recovering a glycol from an electrolyte-containing aqueous solution.
155447	03-03-1981	Do.	Process for the production of an elastaneric copolymer of an aromatic vinyl compound and a conjugated diene, suitable for use in the tread portion of a pneumatic tyre.
166947	30-03-1988	Sepracor Inc 33 Locke Drive, Marlborough, MA 01752, U.S.A.	A process for producing purificalisomers.
162045	16-07-1985	Seikenkai Foundation Juridical person of No. 95, Fushimido-cho Tondabayashi-Shi, 090ka, Japan.	A process for preparing a biodeodorizer.
157146	07-07-1983	Sandvik Asea Ltd, Bombay Poona Road, Poona-411012, Maharashtra, India.	An improved process for the recovery of tungsten from tungsten bearing material and an apparatus therefor.
167036	29-07-1986	SAFT of 156 Avenue de Matz-93230, Romainville, France.	A method for the manufacture of a polymerconsolidated iron oxide based electride for alkaline storage cells.
168103	29-07-1986	Saf of 156, Avenue de Matz-93230, Romainville, France.	A method of manufacturing a polymer consolidated Cadmium electrode for an alkaline storage cell.
168296	29-01-1987	SABNIFE AB, of Box 515, S-26124 Landskrona, Sweden.	An apparatus for charging a seated secondary electro-chemicals power source in Combination with said power.
166662	09-07-1986	SAB NIFE AB, of Box 515, S-Z6124, Landskrona, Sweden.	Valve for the addition of water to electro-chemical accumulator batteries.
159220	30-01-1984	Permelo Electrode Ltd. 1159 Ishikawa, Fujisawashi, Kanagawa-ken, Japan.	Electode for electrolysis X process for production thereof.
168670	25-06-1985	Owens Illinois Inc of one seagate, Toledo, Ohio, 43666, U.S.A.	A polymeric composition suitable for making Articles such as containers container preforms of sheets.
167795	09-07-1986	Owens-Illinois Plastic Products, Inc, of One Seagate, Toledo, Ohio-43666, USA.	A bottle that is adapted to be filled with a liquid product that is an elevated temperature.
167875	04-08-1986	Of-NEG TV products Inc. of one seagate, Toledo, ohio, 43666, U.S.A.	A method of making an improved solder glass composition.
167238	31-03-1986	Do.	Sealing glass composition for sealing TV Picture tubes.
167196	21-03-1988	Norman Lousis Weinberg of 95, Chasewood, Lane, East, Amherst, New York-14051, USA.	An improved method of making ethylene 914Col by the electrochemical reduction of a formaldehyde-containing electrolyte.
162985	09-10-1984	Norman Lousis Weinberg 95 Chasewood Lane East Amherst New York 14051, U.S.A.	Improved method for the electro synthesis of ethylene glycol.

1	2	3	4
139336	25-05-1983	Nitto Kagaku kogyo Kabushiki Kaisha 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo-10, Japan.	Process for preparing acrylamide polymers.
167815	15-07-1986	Norddeutsche Schleifmittel-Industrie Christiansen & Co. (GMBH & CO) of Luruper Haupt-strasse 106-122, 2000, West Germany.	A process for producing ceramic abrasive with improved characteristics.
164200	30-01-1987	Nippan Chemiphar Co. Ltd.	Process for the preparation of novel alky- lenedlanna derivatives.
163044	22-08-1986	Nippon Chemiphar Co. Ltd. of 2-2-3, Iwamoto-cho, chiyoda-ku, Tokyo, Japan.	Process for preparation of novel quinaldina- mide derivatives.
168647	22-12-1986	Monsanto Company, U.S.A.	Composition for imparting fire-resistance to laminating puterlayer sheet.
168645	22-12-1986	Monsanto Company, U.S.A.	A fire resistant interlayer Sheet.
168644	22-12-1986	Monsanto Company at 800 North Lindbergh, Boulevard St, Louis Missouri-63166, U.S.A.	A fire resistant thermoplastic composition.
167327	14-06-1984	Mitsui Toutsu Chemicals Inc.	A process for preparing chlorintin product of dianthraquinone-N, N'-dihydrazine.
167189	03-04-1986	Mitsni Toatsn Chemicals Inc.	Improvement in a process for producing 1, 3, dialkyl-2 imidazolidinone.
166958	14-06-1984	Mitsni Toatsn Chemicals Inc.	A process for preparing chloro-indanthrone.
161432	14-06-1984	Mitsni Toatsn Chemicals Inc 2, 5, 3, Chome, Kasumigaseki Chiyoda-ku, Tokyo Japan.	Process for producing dianthraquinone-N, N' dihydrazine,
166898	15-04-1988	Mitsubishi Kasei Corporation, of 5-2, Marunouchi, Z-cho-me, Chiyodo-Xu, Tokyo, Japan.	A process for producing a pyrazole derivatine.
169482	01-04-1987	Minnesota Mining and Manufacturing Company at 3M Center, Saint Poul Minnesota-55144, USA.	Process for making refractory fibers of alymina & Phosphorus pentoxide.
168079	1986	Minnesota Mining and Manufacturing Company, at 3M Center, Saint Paul, Minnesota-55144 U.S.A.	A process for preparing a substantiany homogeneousdetrically conductive pressure. Sensitive adhesive material.
166608	23-12-1985	Minnesota Mining & Manufacturing Company, at 3M Center, Saint Paul, Minnesota-55144, U.S.A.	Mirror.
166527	30-12-1985	Minnesota Mining & Manufacturing Company, at 3M Centre, Saint Paul, Minnesota-55144, U.S.A.	Absorbent Nohwovin web.
167290	27-07-1988	Meiji Seika Kaishu Ltd, of 4-16, Kyobashi, 2-Chame, Chuoth, Tokyo, Japan.	Process for preparing N-alkylbenzenesul- fonylearbamayl-5-chloroisothiazole deriva- tives.
163686	09-12-1985	Maharaj Krishen Mehta 23 Maison Belvedere, 107 M.K. Road, Bombay-400 020 State of Maharashtra, India.	Improvement in or relating to chemical dehumidifier.
168620	08-01-1988	LA Compugnie Viticule Et Fermiere Edmoud B7 Benjamin De Rothschild S.A. of 40 rue du Rhone 1211, Geneve 11, Switzerland.	Process for preparing alcoholic beverages from vegetable juice.
154863	20-01-1981	Kontik Chemicals K. Pharmaceuticals Pvt. Ltd.	Improvements in or relating to aninoplastic Synthetic resin adhesives.

1	2	3	4
158416	12-10-1984	Kontiki Chemicals & Pharmaceuticals Pvt. Ltd.	Process for the preparation of a Colouring matter from coconut shell.
154070	04-06-1982	Kontiki Chemicals & Pharmaceuticals Pvt. Ltd. of AK Office Building, Mill Road, Baliapatnam Cannanore-670010, Kerala, India.	Process for the production of heavy metal in adsorbent.
160499	09-03-1984	Kerr MCGec Chemical Corpn.	Process for production of titanium dioxide from titaniferous ores.
160498	09-03-1984	Kerr McGee Chemical Corporation, Kerr Melree Centen Oklahoma City Oklahoma, U.S.A.	Process for producing tetra-chloride from natural or synthetic titanium ore, carbonaceous reductant & chloride.
160354	22-11-1983	Kerr McGee Chemical Corporation.	Process for producing titanium tetrachloride.
157393	30-11-1981	Do.	Improved process for beneficiating titaniferous materials.
168694	10-12-1986	Kansai Paint Co, Ltd. of 33-1, Kanzaki Cho, Amegasaki Shi, Hyoken, Japan.	Electrode position Coating Method.
166529	18-02-1986	Kanegotuchi Kagaku-Kogyo Kabushiki Kaishu, of 2-4-3-Chome, Jikanoshima Kito-ku Osaka, Japan.	A process for producing polyvinyl chloride resin.
164463	18-04-1985	Institut Francais Ou-Ferrole, 4, Vaenue, De Bois preau, 92502, Rueil, Malmaison, France.	Method for the preparation of olefin polysulfides.
168611	10-11-1986	Imperial Chemical Industries Plc. of Imperial House, Mill Bank, London, SW1-3JF, England.	An aqueous coating composition.
169323	16-03-1987	Hylsa, S.A. of Apdo Postal 99, Monterrey, N.L. Mexico.	Apparatus for the gaseous reduction of particulate iron ore.
160895	10-05-1984	Hylsa S.A.A. Mexican Corporation Apdo, Postal 996, Monterrey, N.L. Mexico.	A process for reducing particulate iron ore to sponge iron.
166951	26-12-1985	Hondo Gikeu Kogyo Kabushiki Kaisher of Japan, 1-90, 1-ban, Minami Aoyama, Z-Chang Minto-Ku Tokyo, Japan.	A method of manufacturing an air permeable electrocast shell.
166393	15-10-1985	Honda Giken Kogyo Kabushiki Kaisha.	Process & apparatus for manufacturing embossed articles of synthetic resin.
169200	21-01-1987	Hoechst Aktiengesellschaft, of D-6230, Frankfurt, an Main 80, Federal Republic of Germany.	Sterilizable fluidized bed fermenter.
167748	03-09-1986	Hoechst Aktiengesellschaft of D-6230, Frankfurt an Main 80, Federal Republic of Germany.	A composition for desulfurizing metal melts and process for making the same.
167548	06-07-1988	Do.	A process for the preparation of monascus pigments.
167393	06-09-1988	Do.	A process for the preparation of 4-halo-3-oxo-Z-alkoxyiminobutyric esters.
167179	30-05-1936	Hoechst Aktiengesellschaft, of D-6230.	Process for producing purified hydrogen chloride gas duries chloroacetic acid manufacture.

1	2	3	4
166171	02-09-1985	Hoechst Aktiengesellschaft.	A process for making stabilized & desensitized pulverulent flowable red phosphorus.
165961	12-09-1985	Hoechst Aktiengesellschaft.	Apparatus for electrically separating electrolyte common mains from a bipolar electrochemical cell pile X individual cells from each other.
165880	02-09-1985	Do.	Process for making desensitized pulverulent red phosphorus.
163786	15-01-1985	Hoechst Aktiengesellschaft of D-6230, Frankfurt of an Main 80, Federal Republic of Germany.	An electrolytic cell for carrying out a liquid electrolysis process.
163785	15-01-1985	Hoechst Aktiengesellschaft of D-6230, Frankfurt of an Main 80 Federal Republic of Germany.	An electrolytic cell for carrying out a liquid electrolysis process.
163784	15-01-1985	Do.	An electrolytic Cell for carrying out a liquid electrolysis process.
158724	13-03-1984	Do.	Apparatus for making red Phosphorus.
169829	21-06-1989	Hindustan Lever Ltd.	Method of refining glyceride oils.
169444	18-05-1989	Do.	A process for preparing Oral composition for the treatment of sensitive teeth.
169426	11-05-1989	Do.	A non aqueous drug free cosmetic composition contains ester of pyroglutamic acid.
169245	29-12-1988	Do.	Process for preparing a nickel/silica catalyst.
168848	24-01-1990	Do.	Method of making an anti-caries toothpaste.
168842	28-02-1989	Do.	Method for preparing a tooth paste Composition.
168841	11-11-1988	Do.	Detergent composition comprising fabric Softening clay-material.
168812	16-12-1988	Do.	A process for preparing a tooth paste having anti-microbial activity packaged within a closed container.
168787	12-10-1988	Do.	Detergent Composition.
168714	20-03-1989	Do.	Liquid detergent composition.
168609	18-05-1989	Do.	A process for preparing a substantially fluorine free oral preparation having an anticaries activity.
168605	28-02-1989	Do.	Bleaching detergent composition.
168407	18-05-1989	Do.	A method for preparation of an oral composition for combatting dental caries.
168406	16-05-1989	Do.	Detergent Composition.
168284	18-10-1988	Do.	A method for preparing an oral composition for inhibiting the formation of dental Calculus.
168184	19-08-1988	Do.	Process for the preparation of tooth paste.
167967	05-04-89	Do.	Detergent composition.
167963	12-10-1988	Do.	An aqueous hair conditioning and Dyeing Compositions.

1	2	3	4
167776	18-08-1988	Hindustan Lever Ltd	Process for synthesizing a disalt of monoester of citric acid.
167771	20-12-1989	Do.	Process for producing hydrogenated Unsaturated organic compounds in the presence of a transition metal silicate catalyst.
167528	29-08-1988	Do.	Process for the preparation of a Tooth paste.
167526	09-06-1988	Do.	Method for the preparation of oral composition which inhibits the formation of dental calculus.
167525	10-03-1988	Do.	Detergent bleads composition.
167523	21-09-1988	Do.	Tooth paste.
167465	03-06-88	Do.	Process for preparing a nickel transition alumina catalyst.
167461	07-06-1988	Do.	Soap based detergent compositions.
167137	09-06-1988	Do.	Competic composition for topical application to Mammalian Skin.
166996	25-02-1985	Do.	A process for the preparation of an aqueous detergent composition.
166992	03-11-1987	Do.	Detergent granules and a process for their preparation.
166979	21-12-1987	Do.	Hair growth promotions cosmetic composition for applying to Mammalian Skin or hair.
166902	14-03-1988	Do.	A tooth paste.
166806	29-9-1987	Do.	Process for manufacturing detergent bars.
166804	29-09-1987	Do.	Process for manufacturing detergent bars having improved hardness.
166802	27-07-1987	Do.	Method of producing active gamma-Hydroxydecanoic acid and optionally lact outsed. product thereof.
166801	03-11-1987	Do.	Process for preparing transparant soap compositions.
166787	26-7-1988	Do.	Humcatants for skin treating composition.
166786	12-5-1988	Do.	Detergent composition for washing and softening fabrics.
166783	29-1-1988	Do.	A fabric treatments composition with fabric softening properties.
166763	20-5-1987	Do.	Detergent Composition.
166762	13-4-1987	Do.	Process for the production of a granular solid suitable use as a detergent powder or a Component thereof.
166307	13-6-1988	Do.	Process for the preparation of particulate material for detergent composition.
166302	10-3-1987	Do.	Composition suitable for topical application to human skin.

1	2	3	4
166205	27-07-1987	Hindustan Lever Ltd.	Process for the manufacture of an aqueous single phase Composition particularly for use for the treatment of keratinuous fibres.
166157	13-02-1987	Do.	Detergent Composition.
166153	09-01-1987	Do.	An aqueous shampoo.
166119	01-10-1987	Do.	Method of preparing a two part oral preparation.
166073	10-03-1987	Do.	A bleaching composition.
166050	29-10-1986	Do.	Process for the production of a powder suitable for use as a granular detergent composition or a component thereof.
166047	13-8-1986	Do.	A built or unbuilt aqueous fabric washing detergent composition.
166046	13-8-1986	Do.	An aqueous detergent composition.
166045	13-8-1986	Do.	An aqueous detergent composition.
166041	12-03-1986	Do.	Process for preparing laundry bars for use in the handwashing of fabrics.
165628	15-10-1986	Do.	Process for making a detergent component suitable for manufacture into a bar component.
165624	30-07-1986	Do.	A composition suitable for topical application to mammalian skin for promoting or enhancing the growth of hair.
165622	16-6-1986	Do.	Process of preparing a built detergent paste.
165621	04-03-1986	Do.	Manufacturing process in which chemical reaction of at least two reagents is effected in a cavity transfer mixer.
165494	10-02-1987	Bespak Plc, of Bengen, Way NorthL-yan-Industrial Estate Kings Lyun, Sprfoin, PE30, 2JJ England.	Improvements in or relating to dispensing apparatus for a gas pressurised dispenses container.
165359	09-09-1986	Hindustan Lever Ltd.	Process for preparing particulate detergent compositions.
165357	16-06-1986	Do.	Liquid detergent composition.
165353	12-03-1986	Do.	Process for preparing bleach-containing laundry bars for the use in the hand washing of fabric.
165351	20-1-1986	Do.	A process for the preparation of a spray dried detergent powder and a spray-dried powder thereby produced.
164931	07-02-1986	Do.	A method of making built detergent bars.
164877	16-06-1986	Do.	Homogeneous foaming detergent compositions in liquid or gel form.
164354	20-1-1986	Do.	Process for preparing toilet bar compositions.
164296	7-2-1986	Do.	A process for the manufacture of built laundry bars.

1	2	3	4
163971	11-10-1985	Hindustan Lever Ltd.	Process for the preparation of sulphonated mixtures of a fatty acid ester and/or organic Compound the sulphonation product whereof is detergent active.
163877	11-12-1986	Do.	Method of preparing a two part oral hygienic product.
163870	4-10-1985	Do.	A process for preparing an oil-in-water emulsion suitable for topical application to human skin.
163868	9-9-1986	Do.	Soap based detergent compositions.
163728	12-11-1986	Do.	Process for making toothpaste.
163723	5-5-1986	Do.	Silicate-free detergent granules and method of producing same.
163495	21-7-1985	Do.	An improved built detergent composition in bar form.
163034	5-7-1985	Do.	A process for preparing Lavatory cleansing blocks free from para dichlorobenzene and lavatory cleansing blocks thereby obtained.
163033	28-6-1985	Do.	A Built detergent bar composition.
162637	2-9-1985	Do.	An improved process for the manufacture of built detergent bars.
162633	9-5-1985	Do.	Homogeneous foaming detergent composition in gel form.
162632	9-5-1985	Do.	Detergent compositions.
162418	5-7-1985	Do.	Process for the preparation of Nickel/alumina/Silicate catalysts.
162417	5-7-1985	Do.	Process for the preparation of Nickel/alumina Catalysts.
162412	25-2-1985	Do.	Aqueous detergent compositions.
162037	22-8-1986	Do.	An improved process for the recovery of fatty acids from the oxidate obtained by oxidation of normal paraffins.
161316	29-1-1986	Do.	A process for recovering fluorine value from sodium fluorosilicate.
161148	05-05-1983	Do.	An improved process for hydrogenation reaction using improved nickel upon alumino catalyst.
161111	7-6-1985	Do.	Particulate built detergent compositions.
161109	28-1-1985	Do.	A method of manufacturing fatty acid (C8-22) ster (C1-C4) sulphonates.
161104	3-12-1985	Do.	Improvements in or relating to process for the preparation of acetylinolons.
161103	20-12-1984	Do.	Process for preparing a transition metal silicate catalyst.
161100	29-1-1986	Do.	A process for the manufacture of aluminum fluoride from ammonium fluoride.
161099	23-11-1984	Do.	Detergent compositions.

1	2	3	4
160862	4-12-1984	Lever Ltd, Hindustan	Alkaline built detergent bleach compositions.
160861	4-12-1984	Do.	Alkaline built detergent bleach composition.
160645	14-3-1985	Do.	Improved method of preparing modified sodium chloride for use in powder detergent compositions.
160031	24-7-1982	Do.	A synergistic detergent composition.
160030	24-7-1982	Do.	A process for the preparation of detergent compositions.
160006	25-9-1984	Do.	A stable gas entrained toothpaste having increased viscosity and fluffy appearance.
159969	27-6-1985	Do.	A process for preparing a plant growth nutrient composition.
159938	6-11-1984	Do.	A method of preparing manganese adjuncts for use as bleach catalyst.
159933	15-10-1984	Do.	Process for preparation of transparent detergent bars.
159783	2-5-1984	Do.	An improved bleaching and cleaning composition.
159778	19-1-1984	Do.	A process for the manufacture of a detergent active alkyl sulphosuccinate mixture.
158827	29-5-1982	Do.	A process for the preparation of surface active fatty acid ester of alkali metal isethionates.
158785	4-3-1985	Do.	A process for the preparation of groundnut cake suitable as a component for animal foodstuff.
158779	12-12-1983	Do.	A particulate solid detergent composition.
158778	22-1-1985	Do.	A method for sulphonation of fatty acid esters.
158761	14-3-1985	Do.	Powder detergent compositions with modified sodium chloride.
158636	16-12-1983	Do.	A built detergent bleach composition containing manganese compound which delivers manganese ions in aqueous solutions.

REGISTRATION OF DESIGN

The following designs have been registered. They are not open to inspection for period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of the registration included in the entries.

Class 1. No. 167615, V. Govinda Rajulu, C/o. Rajat Deyasi, 12/2, Navin Senpati Lane, Kasundia, Howrah-711-101, West Bengal, India "JUMPER CLAMP", 9th June 1994.

Class 1. No. 166250, The Jay Engineering Works Ltd. an Indian Company of 23, Kasturba Gandhi Marg, New Delhi-110 001, India, "WALL FAN", 23rd September 1993.

Class 1. No. 167750, Kannappan Narayanaperumal of Padma Vilas, Agraharam Road, Melur-625 106, Madurai District, Tamil Nadu, India "TRACTOR WHEEL", 8th July 1994.

Class 1. No. 167816, Honda Giken Kogko Kabushiki Kaisha, a corporation of Japan, having a place of business at 1-1, Minamiaoyama 2-chome, Minato-ku, Tokyo, Japan, "MOTOR SCOOTER", 26th July 1994.

Class 1. No. 167905, Klaas Equipment Pvt. Ltd. of 4th floor, 167 Dr. Annie Besant Road, Worli, Bombay-ED", 17th August 1994.

Class 1. No. 167896, Mech-Ci-Co., a registered partnership firm having its business place at 1/7, GIDC Ind. Estate, Phase I, Vatwa, Ahmedabad-382 445,

Gujarat, India, "BIOGAS AUTOMATIC WATER REMOVER", 16th August 1994.

- Class 1. No. 167571, R. P. Metal Section (P) Ltd, a company registered as per the Indian companies act and having office at 14/3A & 14/5A, Deevatige Ramanahalli, Opp. Bhel, Mysore Road, Bangalore-560 039, Karnataka, India, "ROLLING SHUTTERS, DOORS AND WINDOWS", 27th May 1994.
- Class 1. No. 167954, Ravissant, a division of Vishal (P) Limited, an Indian Company, 24 Nehru Place, New Delhi-110 019, India, "SUGAR POT", 22nd August 1994.
- Class 1. No. 167405, Lakshmi Machine Works Limited, having its registered office at Perianaickenpalayam, Coimbatore-641 020, Tamil Nadu, India, "KNIFE OF A CARD", 5th May 1994.
- Class 1. No. 167423, Lakshmi Machine Works Limited, having its registered office at Perianaickenpalayam, Coimbatore-641 020, Tamil Nadu, India, "TOP STEPPED ROLLER OF A CARD", 5th May 1994.
- Class 1. No. 167420, Lakshmi Machine Works Limited, having its registered office at Perianaickenpalayam, Coimbatore-641 020, Tamil Nadu, India "TOP Guide Plate of a Card, 5th May 1994.
- Class 1. No. 167404, Lakshmi Machine Works Limited, having its registered office at Perianaickenpalayam, Coimbatore-641 020, Tamil Nadu, India "SLIDE RULE OF A CARD", 5th May 1994.
- Class 1. No. 167722, 167723, Steelux (India), an Indian partnership firm of 7, Gorapada Sarkar Lane, Calcutta-67, West Bengal, India, "CHAIR", 30th June 1994.
- Class 3. No. 167735 & 167736, Boston Appliances, A 27, 1st floor, Kiran Industrial Estate, M. G. Road, Goregaon (West) Bombay-400 062, Maharashtra, India, Proprietary Concern, "BLADE", 1st July 1994.
- Class 3. No. 168184 & 168186, Amusement Electronics Pvt. Ltd, a Private Limited company registered and incorporated in India under the Provision of the Companies Act, 1956, having its registered office, at LG 16, Lusa Shopping Complex, near Akashi Cinema, Azadpur, Delhi-110 033, India, "VIDEO GAME MACHINE", 3rd October 1994.
- Class 3. No. 167165, Motorola, INC, a corporation of the State of Delaware, located and doing business at Corporate offices, 1303 East Algonquin Road, Schaumburg, Illinois 60196, United States of America, "SELECTIVE CALL RECEIVER", 7th April 1994.
- Class 3. No. 167197, Motorola, INC, a corporation of the State of Delaware, located and doing business at Corporate offices, 1303 East Algonquin Road, Schaumburg, Illinois 60196, United States of America, "BATTERY CHARGER FOR A PORTABLE TELEPHONE", 13th April 1994.
- Class 3. 167547 & 167549, Hindustan Lever Limited, 165/166 Backbay Reclamation, Bombay 20, Maharashtra, India, "CONTAINER", 6th December 1993.
- Class 3. No. 167545, Hindustan Lever Limited, 165/166 Backbay Reclamation, Bombay 20, Maharashtra, India, "INFUSION PACKAGE", 6th December 1993.
- Class 3. No. 166763, Unilever PLC., a British Company of Unilever House, Blackfriars, London EC4P 4BO, England, "BOTTLE", 28th January 1994.
- Class 3. No. 167767, Philips Electronics N.V., a limited liability company organized and established under the laws of the Kingdom of the Netherlands, carrying on business at Groenewoudseweg 1, Eindhoven, The Netherlands, "TOASTER", 12th July 1994.
- Class 3. No. 167785, Chandrakant Damodardas Gandhi, of 72A, Atlas Apartments, 11J, Melita Road, Bombay-400 006, Maharashtra, India, an Indian National, "CORNER TIE", 15th July 1994.
- Class 3. No. 167576, Tokyo Plast, Tokyo House, 9/49, Marol Cooperative Industrial Estate, off M. V. Road, Sakmaka, Andheri (East), Bombay-59, Maharashtra, India, an Indian Partnership firm, "WATER JUG", 31st May 1994.
- Class 3. No. 167700, Canon Kabushiki Kaisha, a Japanese Company, of 30-2, 3-Chome, Sh-mommaruko, Ohta-ku, Tokyo, Japan, "A TONER BOTTLE FOR COPYING MACHINE", 24th June 1994.
- Class 3. No. 168022, Pearl Polymers Limited, 704, Rohit House, 3, Tolstoy Marg, New Delhi-110 001, India, "BOTTLE", 29th August 1994.
- Class 3. No. 167647, Vani Organic Chemicals Ltd., an Indian Company of Consumer Marketing Division, Hemunt Chambers, 3rd floor, 89 Nehru Place, New Delhi-110 019, India, "CONTAINER", 16th June 1994.
- Class 4. No. 167332, 167333, 167336 to 167344 & 167346, Nottech India Limited E9, MIDC Waluj Industrial Area, Waluj-431 113, Aurangabad, Maharashtra, India, "PRINTED TILES", 3rd May 1994.
- Class 4. No. 167531, Ja Opala Glass Private Limited, 12A Camac Street, Calcutta-700 017, West Bengal, India, "PLATES", 18th May 1994.
- Class 4. No. 167016 & 167017, Mohan Meakin Limited, an Indian Company, Solan Brewery P.O. 173214, Shimla Hills, Himachal Pradesh, India, "BOTTLE", 15th March 1994.
- Class 4. No. 167018, Mohan Meakin Limited, an Indian Company, Solan Brewery, P.O. 173214, Shimla Hills, Himachal Pradesh, India, "CAP", 15th March 1994.
- Class 4. No. 168001, Dr. Nirmala, an Indian citizen trading as Tiger Balm & Company, and also as Kenwong & Company, Indian companies, No. 12, Temple Avenue, Singar Colony, Madras-600 015, Tamil Nadu, India, "BOTTLE", 25th August 1994.
- Class 5. 167366, Rollstainers Limited, an Indian company of 15/6 Mathura Road, Faridabad, Haryana, India, "CONTAINER", 3rd May 1994.
- Class 5. No. 166637, Sockieting Tea Co. Pvt. Ltd., 23/24, Radha Bazar Street, 5th floor, Sethja House, Calcutta-700-001, West Bengal, India, "POLY POUCH", 31st December 1993.
- Class 5. No. 167536, Smt. Anuradha Singhania, Indian National, of 59-A, Bhulabhai Desai Road, Bombay-400 026, Maharashtra, India "CONTAINER", 20th May 1994.
- Class 6. No. 167021, EQUUS POLYMER LIMITED, a British company of Monmer Close, Stringes Lane, Willenhall, West Midlands, WV13 UR, England, "REIN GRID", 14th January 1994.
- Class 8. No. 167793, Oriental Trading Company, Muryad-patti, Bhadohi-221 401, U.P., India, an Indian partnership concern, "CARPET", 18th July 1994.
- Class 11. No. 167831, Ravissant, a division of Vishal (P) Limited, an Indian Company, 24 Nehru Place, New Delhi-110 019, India, "PRINTED CLOTH", 28th July 1994.
- Class 13. No. 167763 & 167665, Ravissant, a division of Vishal (P) Limited, an Indian Company, 24 Nehru Place, New Delhi-110 019, India, "PRINTED CLOTH", 20th June 1994.
- Class 13. No. 167762 & 167764, Ravissant, a division of Vishal (P) Limited, an Indian Company, 24 Nehru Place, New Delhi-110 019, India, "PRINTED CLOTH", 12th July 1994.

- Class 11. No. 166728, Ravissant, a division of Vishal (P) Limited, an Indian Company, 24 Nehru Place, New Delhi-110 019, India, "GHAGRA FOR LADIES", 18th January 1994.
- Class 14. No. 167761, Ravissant, a division of Vishal (P) Limited, an Indian Company, 24 Nehru Place, New Delhi-110 019, India, "PRINTED CLOTH", 12th July 1994.
- Class 10. No. 166515, Liberty Enterprises, Liberty House, Karnal, Haryana, India, an Indian Partnership concern, "SHOE", 23rd November 1993.
- Class 10. No. 167743, Liberty Enterprises, Liberty House, Karnal, Haryana, India, an Indian Partnership concern "SOLE OF THE SHOE", 4th July 1994.
- Class 10. No. 168024, Liberty Gorup Marketing Division Liberty House Extension, Karnal, Haryana, India, an Indian partnership concern, "SANDAL", 29th August 1994.
- Class 12. No. 167567, Sona Biscuits Pvt. Ltd., an Indian company, 2 Digamber Jain Temple Road, Calcutta-700 007, West Bengal, India, "BISCUIT", 27th May 1994.
- Class 12. No. 167836 Samsonite corporation, a corporation organised under the laws of the state of Delaware, United States of America of 11200 East 45th Avenue Denver, Colorado 80239, United States of America, "MOLDED LUGGAGE CASE", 2nd August 1994.
- Class 10. No. 164438, S. K. Enterprise, of 175, C.S.T. Road, Kalina, Santacruz (East), Bombay-98, Maharashtra, India, Indian partnership firm, "SHOES SOLE", 28th October 1993.
- Class 13. No. 166743 & 166744, Loom Craft, S 105/c, Sunder Block, Shakarpur, Delhi-110 092, India, a partnership concern, "TEXTILE FURNISHING MATERIAL", 24th January 1994.
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एवं प्रकाशन नियंत्रक दिल्ली द्वारा प्रकाशित, 1995

PRINTED BY THE MANAGER, GOVERNMENT OF INDIA PRESS, FARIDABAD,
AND PUBLISHED BY THE CONTROLLER OF PUBLICATIONS, DELHI, 1995

